BRUHATH BANGALORE MAHANAGARA PALIKE
BYATARAYANAPURA DIVISION

Name of the work: Package No.01 (Package consists of 18 works)

First and Part Bill
Detailed Measurement

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097,

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Roads at Hegadenagara Westren Side Cross Roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
31	KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5 (P.No.161 I.No.21.7 of PW,P&IWTD SR of 2016-17)										
	5th Cross										
	0.00	30.00		1.00	30.00	3.00	4.30	3.65		109.50	
	30.00	60.00		1.00	30.00	4.30	5.20	4.75		142.50	
	60.00	90.00		1.00	30.00	5.20	5.50	5.35		160.50	
	90.00	120.00		1.00	30.00	5.50	5.90	5.70		171.00	
	120.00	155.00		1.00	35.00	5.90	5.75	5.83		203.88	
	2nd cross road in 5th cross										
	0.00	21.30		1.00	21.30	4.50	4.60	4.55		96.92	
	1st cross road in 5th cross										
	0.00	43.50		1.00	43.50	4.60	4.40	4.50		195.75	
	4th Cross										
	0.00	30.00		1.00	30.00	5.35	5.40	5.38		161.25	
	30.00	60.00		1.00	30.00	5.40	5.80	5.60		168.00	
	60.00	90.00		1.00	30.00	5.80	5.80	5.80		174.00	
	90.00	120.00		1.00	30.00	5.80	5.95	5.88		176.25	
	120.00	150.00		1.00	30.00	5.95	5.70	5.83		174.75	
	150.00	180.00		1.00	30.00	5.70	5.75	5.73		171.75	
	180.00	196.00		1.00	16.00	5.75	5.60	5.68		90.80	
	2nd cross road in 4th cross										
	0.00	20.00		1.00	20.00	4.70	4.95	4.83		96.50	
	1st cross road in 4th cross										
	0.00	20.00		1.00	20.00	4.30	4.70	4.50		90.00	
	3rd Cross										
	0.00	30.00		1.00	30.00	4.00	3.60	3.80		114.00	
	30.00	60.00		1.00	30.00	3.60	3.80	3.70		111.00	
	60.00	90.00		1.00	30.00	3.80	4.80	4.30		129.00	
	90.00	120.00		1.00	30.00	4.80	5.30	5.05		151.50	
	120.00	150.00		1.00	30.00	5.30	4.25	4.78		143.25	
	150.00	182.00		1.00	32.00	4.25	4.05	4.15		132.80	
	1st Cross										
	0.00	30.00		1.00	30.00	6.00	5.60	5.80		174.00	
	30.00	60.00		1.00	30.00	5.60	6.00	5.80		174.00	
	60.00	90.00		1.00	30.00	6.00	5.80	5.90		177.00	
	90.00	104.00		1.00	14.00	5.80	6.30	6.05		84.70	
	104.00	130.00		1.00	26.00	3.70	4.50	4.10		106.60	
	Y Block										
	0.00	15.00		1.00	15.00	4.00	4.30	4.15		62.25	
	15.00	41.00		1.00	26.00	4.30	4.90	4.60		119.60	

Consultant

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097,

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Roads at Hegadenagara Westren Side Cross Roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	X Block										
	0.00	15.00		1.00	15.00	4.00	4.50	4.25		63.75	
	15.00	45.00		1.00	30.00	4.50	4.60	4.55		136.50	
	W Block										
	0.00	15.00		1.00	15.00	4.00	4.00	4.00		60.00	
	15.00	44.00		1.00	29.00	4.00	4.00	4.00		116.00	
	S Block										
	0.00	15.00		1.00	15.00	4.40	4.65	4.53		67.88	
	15.00	43.00		1.00	28.00	4.65	5.80	5.23		146.30	
	Dcp office Road										
	0.00	30.00		1.00	30.00	6.20	6.00	6.10		183.00	
	30.00	65.40		1.00	35.40	6.00	6.20	6.10		215.94	
	65.40	70.00		1.00	4.60	5.40	6.00	5.70		26.22	
	70.00	90.00		1.00	20.00	6.00	6.00	6.00		120.00	
	90.00	104.80		1.00	14.80	6.00	7.00	6.50		96.20	
	Dcp station back side										
	0.00	30.00		1.00	30.00	7.50	7.80	7.65		229.50	
	30.00	60.00		1.00	30.00	7.80	7.45	7.63		228.75	
	60.00	90.00		1.00	30.00	7.45	7.50	7.48		224.25	
	90.00	117.80		1.00	27.80	6.00	7.80	6.90		191.82	
	Dcp station back side ofc entanrce										
	0.00	16.50		1.00	16.50	6.00	8.80	7.40		122.10	
	Hegdenagar										
	0.00	30.00		1.00	30.00	7.80	7.50	7.65		229.50	
	30.00	60.00		1.00	30.00	7.50	7.50	7.50		225.00	
	60.00	90.00		1.00	30.00	7.50	6.60	7.05		211.50	
	90.00	120.00		1.00	30.00	6.60	6.50	6.55		196.50	
	120.00	150.00		1.00	30.00	6.50	7.60	7.05		211.50	
	150.00	180.00		1.00	30.00	7.60	6.80	7.20		216.00	
	180.00	210.00		1.00	30.00	6.80	7.00	6.90		207.00	
	210.00	240.00		1.00	30.00	7.00	7.00	7.00		210.00	
	240.00	270.00		1.00	30.00	7.00	7.10	7.05		211.50	
	270.00	300.00		1.00	30.00	7.10	7.20	7.15		214.50	
	300.00	330.00		1.00	30.00	7.20	7.20	7.20		216.00	
	330.00	360.00		1.00	30.00	7.20	6.00	6.60		198.00	
	360.00	390.00		1.00	30.00	6.00	5.50	5.75		172.50	
	390.00	420.00		1.00	30.00	5.50	5.60	5.55		166.50	
	420.00	450.00		1.00	30.00	5.60	4.80	5.20		156.00	
	450.00	480.00		1.00	30.00	4.80	6.30	5.55		166.50	
	480.00	510.00		1.00	30.00	6.30	6.40	6.35		190.50	
	510.00	540.00		1.00	30.00	6.40	4.00	5.20		156.00	
	540.00	570.00		1.00	30.00	4.00	5.80	4.90		147.00	
	570.00	587.00		1.00	17.00	5.80	7.00	6.40		108.80	
	Approch										
	2nd Cross @30 chainage										
				1.00	5.00	6.00	4.80	5.40		27.00	

Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

31/8/18

Assistant Engineer
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

Bruhat Bengaluru Mahanagara Palike											
Bytarayanapura Division											
Job Code :- 006-18-000097,											
Name of Agency :- Benaka Developers & Project Pvt.Ltd.											
Bill No :-1st & Part Bill											
Name Of work : - Improvement to Drains and Asphalting to Roads at Hegadenagara Westren Side Cross Roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division											
BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
	Park Road										
	LHS										
	0.00	30.00		1.00	30.00	6.00	5.90	5.95		178.50	
	30.00	60.00		1.00	30.00	5.90	5.70	5.80		174.00	
	60.00	90.00		1.00	30.00	5.70	6.20	5.95		178.50	
	90.00	120.00		1.00	30.00	6.20	5.00	5.60		168.00	
	120.00	150.00		1.00	30.00	5.00	5.20	5.10		153.00	
	150.00	180.00		1.00	30.00	5.20	5.00	5.10		153.00	
	180.00	210.00		1.00	30.00	5.00	5.25	5.13		153.75	
	210.00	240.00		1.00	30.00	5.25	5.40	5.33		159.75	
	240.00	270.00		1.00	30.00	5.40	6.20	5.80		174.00	
	270.00	300.00		1.00	30.00	6.20	5.60	5.90		177.00	
	300.00	321.60		1.00	21.60	5.60	7.00	6.30		136.08	
	321.60	330.00		1.00	8.40	7.30	6.35	6.83		57.33	
	330.00	360.00		1.00	30.00	6.35	6.80	6.58		197.25	
	360.00	390.00		1.00	30.00	6.80	5.90	6.35		190.50	
	390.00	420.00		1.00	30.00	5.90	5.30	5.60		168.00	
	420.00	450.00		1.00	30.00	5.30	6.60	5.95		178.50	
	450.00	480.00		1.00	30.00	6.60	6.90	6.75		202.50	
	480.00	510.00		1.00	30.00	6.90	6.90	6.90		207.00	
	510.00	540.00		1.00	30.00	6.90	7.25	7.08		212.25	
	540.00	556.90		1.00	16.90	7.25	7.35	7.30		123.37	
								TOTAL		13471.33	Sqm

Consultant

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097,

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Roads at Hegadenagara Westren Side Cross Roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
32	KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 (P.No.165 of I.No.21.22.6 in PW,P&IWTD S.R 2016-17)										
	5th Cross										
	0.00	30.00		1.00	30.00	3.00	4.30	3.65	0.04	4.38	
	30.00	60.00		1.00	30.00	4.30	5.20	4.75	0.04	5.70	
	60.00	90.00		1.00	30.00	5.20	5.50	5.35	0.04	6.42	
	90.00	120.00		1.00	30.00	5.50	5.90	5.70	0.04	6.84	
	120.00	155.00		1.00	35.00	5.90	5.75	5.83	0.04	8.16	
	2nd cross road in 5th croaa										
	0.00	21.30		1.00	21.30	4.50	4.60	4.55	0.04	3.88	
	1st cross road in 5th croaa										
	0.00	43.50		1.00	43.50	4.60	4.40	4.50	0.04	7.83	
	4th Cross										
	0.00	30.00		1.00	30.00	5.35	5.40	5.38	0.04	6.45	
	30.00	60.00		1.00	30.00	5.40	5.80	5.60	0.04	6.72	
	60.00	90.00		1.00	30.00	5.80	5.80	5.80	0.04	6.96	
	90.00	120.00		1.00	30.00	5.80	5.95	5.88	0.04	7.05	
	120.00	150.00		1.00	30.00	5.95	5.70	5.83	0.04	6.99	
	150.00	180.00		1.00	30.00	5.70	5.75	5.73	0.04	6.87	
	180.00	196.00		1.00	16.00	5.75	5.60	5.68	0.04	3.63	
	2nd cross road in 4th croaa										
	0.00	20.00		1.00	20.00	4.70	4.95	4.83	0.04	3.86	
	1st cross road in 4th croaa										
	0.00	20.00		1.00	20.00	4.30	4.70	4.50	0.04	3.60	
	3rd Cross										
	0.00	30.00		1.00	30.00	4.00	3.60	3.80	0.04	4.56	
	30.00	60.00		1.00	30.00	3.60	3.80	3.70	0.04	4.44	
	60.00	90.00		1.00	30.00	3.80	4.80	4.30	0.04	5.16	
	90.00	120.00		1.00	30.00	4.80	5.30	5.05	0.04	6.06	
	120.00	150.00		1.00	30.00	5.30	4.25	4.78	0.04	5.73	
	150.00	182.00		1.00	32.00	4.25	4.05	4.15	0.04	5.31	
	1st Cross										
	0.00	30.00		1.00	30.00	6.00	5.60	5.80	0.04	6.96	
	30.00	60.00		1.00	30.00	5.60	6.00	5.80	0.04	6.96	
	60.00	90.00		1.00	30.00	6.00	5.80	5.90	0.04	7.08	
	90.00	104.00		1.00	14.00	5.80	6.30	6.05	0.04	3.39	

Consultant

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097,

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Roads at Hegadenagara Westren Side Cross Roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	104.00	130.00		1.00	26.00	3.70	4.50	4.10	0.04	4.26	
	Y Block										
	0.00	15.00		1.00	15.00	4.00	4.30	4.15	0.04	2.49	
	15.00	41.00		1.00	26.00	4.30	4.90	4.60	0.04	4.78	
	X Block										
	0.00	15.00		1.00	15.00	4.00	4.50	4.25	0.04	2.55	
	15.00	45.00		1.00	30.00	4.50	4.60	4.55	0.04	5.46	
	W Block										
	0.00	15.00		1.00	15.00	4.00	4.00	4.00	0.04	2.40	
	15.00	44.00		1.00	29.00	4.00	4.00	4.00	0.04	4.64	
	S Block										
	0.00	15.00		1.00	15.00	4.40	4.65	4.53	0.04	2.72	
	15.00	43.00		1.00	28.00	4.65	5.80	5.23	0.04	5.85	
	Dcp office Road										
	0.00	30.00		1.00	30.00	6.20	6.00	6.10	0.04	7.32	
	30.00	65.40		1.00	35.40	6.00	6.20	6.10	0.04	8.64	
	65.40	70.00		1.00	4.60	5.40	6.00	5.70	0.04	1.05	
	70.00	90.00		1.00	20.00	6.00	6.00	6.00	0.04	4.80	
	90.00	104.80		1.00	14.80	6.00	7.00	6.50	0.04	3.85	
	Dcp station back side										
	0.00	30.00		1.00	30.00	7.50	7.80	7.65	0.04	9.18	
	30.00	60.00		1.00	30.00	7.80	7.45	7.63	0.04	9.15	
	60.00	90.00		1.00	30.00	7.45	7.50	7.48	0.04	8.97	
	90.00	117.80		1.00	27.80	6.00	7.80	6.90	0.04	7.67	
	Dcp station back side ofc entanrce										
	0.00	16.50		1.00	16.50	6.00	8.80	7.40	0.04	4.88	
	Hegdenagar										
	0.00	30.00		1.00	30.00	7.80	7.50	7.65	0.04	9.18	
	30.00	60.00		1.00	30.00	7.50	7.50	7.50	0.04	9.00	
	60.00	90.00		1.00	30.00	7.50	6.60	7.05	0.04	8.46	
	90.00	120.00		1.00	30.00	6.60	6.50	6.55	0.04	7.86	
	120.00	150.00		1.00	30.00	6.50	7.60	7.05	0.04	8.46	
	150.00	180.00		1.00	30.00	7.60	6.80	7.20	0.04	8.64	
	180.00	210.00		1.00	30.00	6.80	7.00	6.90	0.04	8.28	
	210.00	240.00		1.00	30.00	7.00	7.00	7.00	0.04	8.40	
	240.00	270.00		1.00	30.00	7.00	7.10	7.05	0.04	8.46	
	270.00	300.00		1.00	30.00	7.10	7.20	7.15	0.04	8.58	
	300.00	330.00		1.00	30.00	7.20	7.20	7.20	0.04	8.64	
	330.00	360.00		1.00	30.00	7.20	6.00	6.60	0.04	7.92	
	360.00	390.00		1.00	30.00	6.00	5.50	5.75	0.04	6.90	
	390.00	420.00		1.00	30.00	5.50	5.60	5.55	0.04	6.66	
	420.00	450.00		1.00	30.00	5.60	4.80	5.20	0.04	6.24	
	450.00	480.00		1.00	30.00	4.80	6.30	5.55	0.04	6.66	
	480.00	510.00		1.00	30.00	6.30	6.40	6.35	0.04	7.62	
	510.00	540.00		1.00	30.00	6.40	4.00	5.20	0.04	6.24	

Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Engineer
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

3/8/18

Assistant Executive Engineer
ಸಹಾಯಕ ಕಾರ್ಯ ನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

3/8/18

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097,

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Roads at Hegadenagara Westren Side Cross Roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	540.00	570.00		1.00	30.00	4.00	5.80	4.90	0.04	5.88	
	570.00	587.00		1.00	17.00	5.80	7.00	6.40	0.04	4.35	
	Approch										
	2nd Cross @30 chainage										
				1.00	5.00	6.00	4.80	5.40	0.04	1.08	
	Park Road										
	LHS										
	0.00	30.00		1.00	30.00	6.00	5.90	5.95	0.04	7.14	
	30.00	60.00		1.00	30.00	5.90	5.70	5.80	0.04	6.96	
	60.00	90.00		1.00	30.00	5.70	6.20	5.95	0.04	7.14	
	90.00	120.00		1.00	30.00	6.20	5.00	5.60	0.04	6.72	
	120.00	150.00		1.00	30.00	5.00	5.20	5.10	0.04	6.12	
	150.00	180.00		1.00	30.00	5.20	5.00	5.10	0.04	6.12	
	180.00	210.00		1.00	30.00	5.00	5.25	5.13	0.04	6.15	
	210.00	240.00		1.00	30.00	5.25	5.40	5.33	0.04	6.39	
	240.00	270.00		1.00	30.00	5.40	6.20	5.80	0.04	6.96	
	270.00	300.00		1.00	30.00	6.20	5.60	5.90	0.04	7.08	
	300.00	321.60		1.00	21.60	5.60	7.00	6.30	0.04	5.44	
	321.60	330.00		1.00	8.40	7.30	6.35	6.83	0.04	2.29	
	330.00	360.00		1.00	30.00	6.35	6.80	6.58	0.04	7.89	
	360.00	390.00		1.00	30.00	6.80	5.90	6.35	0.04	7.62	
	390.00	420.00		1.00	30.00	5.90	5.30	5.60	0.04	6.72	
	420.00	450.00		1.00	30.00	5.30	6.60	5.95	0.04	7.14	
	450.00	480.00		1.00	30.00	6.60	6.90	6.75	0.04	8.10	
	480.00	510.00		1.00	30.00	6.90	6.90	6.90	0.04	8.28	
	510.00	540.00		1.00	30.00	6.90	7.25	7.08	0.04	8.49	
	540.00	556.90		1.00	16.90	7.25	7.35	7.30	0.04	4.93	
								TOTAL		**538.85**	**Cum**

Consultant

Assistant Engineer

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ./ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24

BRUHATH BANGALORE MAHANAGARA PALIKE
BYATARAYANAPURA DIVISION

Name of the work: Improvement to Drains and Asphalting to Roads at Hegadenagara Eastern Side Cross Roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097,

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Roads at Hegadenagara Eastern Side Cross Roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
3	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the										
	1st Cross Road										
	LHS										
	0.00	30.00	L/S	1.00	30.00			0.60	0.50	9.00	
	30.00	60.00	L/S	1.00	30.00			0.60	0.50	9.00	
	60.00	90.00	L/S	1.00	30.00			0.60	0.50	9.00	
	90.00	96.00	L/S	0.00	6.00			0.60	0.50	0.00	
	96.00	126.00	L/S	1.00	30.00			0.60	0.50	9.00	
	126.00	156.00	L/S	1.00	30.00			0.60	0.50	9.00	
	156.00	190.00	L/S	1.00	34.00			0.60	0.50	10.20	
	RHS										
	0.00	30.00	R/S	1.00	30.00			0.60	0.50	9.00	
	30.00	60.00	R/S	1.00	30.00			0.60	0.50	9.00	
	60.00	90.00	R/S	1.00	30.00			0.60	0.50	9.00	
	90.00	96.00	R/S	0.00	6.00			0.60	0.50	0.00	
	96.00	126.00	R/S	1.00	30.00			0.60	0.50	9.00	
	126.00	156.00	R/S	1.00	30.00			0.60	0.50	9.00	
	156.00	190.00	R/S	1.00	34.00			0.60	0.50	10.20	
	2nd Cross Road										
	LHS										
	0.00	30.00	L/S	1.00	30.00			0.60	0.50	9.00	
	30.00	60.00	L/S	1.00	30.00			0.60	0.50	9.00	
	60.00	73.40	L/S	1.00	13.40			0.60	0.50	4.02	
	73.40	79.90	L/S	0.00	6.50			0.60	0.50	0.00	
	79.90	109.90	L/S	1.00	30.00			0.60	0.50	9.00	
	109.90	139.90	L/S	1.00	30.00			0.60	0.50	9.00	
	139.90	171.00	L/S	1.00	31.10			0.60	0.50	9.33	
	RHS										
	0.00	30.00	R/S	1.00	30.00			0.60	0.50	9.00	
	30.00	60.00	R/S	1.00	30.00			0.60	0.50	9.00	
	60.00	73.40	R/S	1.00	13.40			0.60	0.50	4.02	
	73.40	79.90	R/S	0.00	6.50			0.60	0.50	0.00	
	79.90	109.90	R/S	1.00	30.00			0.60	0.50	9.00	
	109.90	139.90	R/S	1.00	30.00			0.60	0.50	9.00	
	139.90	171.00	R/S	1.00	31.10			0.60	0.50	9.33	
	3rd Cross Road										
	LHS										

TEXUS CONSULTANTS Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

5/9/18
Assistant Engineer
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

5/9/18
Assistant Executive Engineer
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097,

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Roads at Hegadenagara Eastern Side Cross Roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	0.00	30.00	L/S	1.00	30.00			0.60	0.50	9.00	
	30.00	60.00	L/S	1.00	30.00			0.60	0.50	9.00	
	60.00	90.00	L/S	1.00	30.00			0.60	0.50	9.00	
	90.00	103.30	L/S	1.00	13.30			0.60	0.50	3.99	
	103.30	110.00	L/S	0.00	6.70			0.60	0.50	0.00	
	110.00	140.00	L/S	1.00	30.00			0.60	0.50	9.00	
	140.00	170.00	L/S	1.00	30.00			0.60	0.50	9.00	
	170.00	200.50	L/S	1.00	30.50			0.60	0.50	9.15	
	RHS										
	0.00	30.00	R/S	1.00	30.00			0.60	0.60	10.80	
	30.00	60.00	R/S	1.00	30.00			0.60	0.60	10.80	
	60.00	90.00	R/S	1.00	30.00			0.60	0.60	10.80	
	90.00	103.30	R/S	1.00	13.30			0.60	0.60	4.79	
	103.30	110.00	R/S	0.00	6.70			0.60	0.60	0.00	
	110.00	140.00	R/S	1.00	30.00			0.60	0.60	10.80	
	140.00	170.00	R/S	1.00	30.00			0.60	0.60	10.80	
	170.00	200.50	R/S	1.00	30.50			0.60	0.60	10.98	
	4th Cross Road										
	LHS										
	0.00	30.00	L/S	1.00	30.00			0.60	0.50	9.00	
	30.00	60.00	L/S	1.00	30.00			0.60	0.50	9.00	
	60.00	90.00	L/S	1.00	30.00			0.60	0.50	9.00	
	90.00	103.30	L/S	1.00	13.30			0.60	0.50	3.99	
	103.30	109.30	L/S	0.00	6.00			0.60	0.50	0.00	
	109.30	139.30	L/S	1.00	30.00			0.60	0.50	9.00	
	139.30	169.30	L/S	1.00	30.00			0.60	0.50	9.00	
	169.30	200.00	L/S	1.00	30.70			0.60	0.50	9.21	
	RHS										
	0.00	30.00	R/S	1.00	30.00			0.60	0.50	9.00	
	30.00	60.00	R/S	1.00	30.00			0.60	0.50	9.00	
	60.00	90.00	R/S	1.00	30.00			0.60	0.50	9.00	
	90.00	103.30	R/S	1.00	13.30			0.60	0.50	3.99	
	103.30	109.30	R/S	0.00	6.00			0.60	0.50	0.00	
	109.30	139.30	R/S	1.00	30.00			0.60	0.50	9.00	
	139.30	169.30	R/S	1.00	30.00			0.60	0.50	9.00	
	169.30	200.00	R/S	1.00	30.70			0.60	0.50	9.21	
	5th Cross Road										
	LHS										
	0.00	30.00	L/S	1.00	30.00			0.60	0.50	9.00	
	30.00	60.00	L/S	1.00	30.00			0.60	0.50	9.00	
	60.00	90.00	L/S	1.00	30.00			0.60	0.50	9.00	

Consultant

Assistant Engineer

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ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer

ಸಹಾಯಕ ಕಾರ್ಯ ನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097,

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Roads at Hegadenagara Eastern Side Cross Roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	90.00	120.00	L/S	1.00	30.00			0.60	0.50	9.00	
	120.00	150.00	L/S	1.00	30.00			0.60	0.50	9.00	
	150.00	180.00	L/S	1.00	30.00			0.60	0.50	9.00	
	180.00	190.20	L/S	1.00	10.20			0.60	0.50	3.06	
	RHS										
	0.00	30.00	R/S	1.00	30.00			0.60	0.50	9.00	
	30.00	60.00	R/S	1.00	30.00			0.60	0.50	9.00	
	60.00	90.00	R/S	1.00	30.00			0.60	0.50	9.00	
	90.00	120.00	R/S	1.00	30.00			0.60	0.50	9.00	
	120.00	150.00	R/S	1.00	30.00			0.60	0.50	9.00	
	150.00	180.00	R/S	1.00	30.00			0.60	0.50	9.00	
	180.00	190.20	R/S	1.00	10.20			0.60	0.50	3.06	
	6th Cross Road										
	LHS										
	0.00	30.00	L/S	1.00	30.00			0.60	0.50	9.00	
	30.00	60.00	L/S	1.00	30.00			0.60	0.50	9.00	
	60.00	90.00	L/S	1.00	30.00			0.60	0.50	9.00	
	90.00	120.00	L/S	1.00	30.00			0.60	0.50	9.00	
	120.00	150.00	L/S	1.00	30.00			0.60	0.50	9.00	
	150.00	180.00	L/S	1.00	30.00			0.60	0.50	9.00	
	180.00	192.00	L/S	1.00	12.00			0.60	0.50	3.60	
	RHS										
	0.00	30.00	R/S	1.00	30.00			0.60	0.50	9.00	
	30.00	60.00	R/S	1.00	30.00			0.60	0.50	9.00	
	60.00	90.00	R/S	1.00	30.00			0.60	0.50	9.00	
	90.00	120.00	R/S	1.00	30.00			0.60	0.50	9.00	
	120.00	150.00	R/S	1.00	30.00			0.60	0.50	9.00	
	150.00	180.00	R/S	1.00	30.00			0.60	0.50	9.00	
	180.00	192.00	R/S	1.00	12.00			0.60	0.55	3.96	
	7th Cross Road										
	LHS										
	0.00	30.00	L/S	1.00	30.00			0.60	0.50	9.00	
	30.00	60.00	L/S	1.00	30.00			0.60	0.50	9.00	
	60.00	91.10	L/S	1.00	31.10			0.60	0.50	9.33	
	91.10	98.10	L/S	0.00	7.00			0.60	0.50	0.00	
	98.10	128.10	L/S	1.00	30.00			0.60	0.50	9.00	
	128.10	158.10	L/S	1.00	30.00			0.60	0.50	9.00	
	158.10	190.00	L/S	1.00	31.90			0.60	0.50	9.57	
	RHS										
	0.00	30.00	R/S	1.00	30.00			0.60	0.50	9.00	
	30.00	60.00	R/S	1.00	30.00			0.60	0.50	9.00	

Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

5/9/18

Assistant Engineer

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05/9/18

Assistant Executive Engineer

ಸಹಾಯಕ ಕಾರ್ಯ ನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು

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ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097,

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Roads at Hegadenagara Eastern Side Cross Roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	60.00	91.10	R/S	1.00	31.10			0.60	0.50	9.33	
	91.10	98.10	R/S	0.00	7.00			0.60	0.50	0.00	
	98.10	128.10	R/S	1.00	30.00			0.60	0.50	9.00	
	128.10	158.10	R/S	1.00	30.00			0.60	0.50	9.00	
	158.10	190.00	R/S	1.00	31.90			0.60	0.50	9.57	
	2nd A Main Road										
	LHS										
	0.00	20.00	L/S	1.00	20.00			0.60	0.50	6.00	
	20.00	39.70	L/S	1.00	19.70			0.60	0.50	5.91	
	RHS										
	0.00	20.00	R/S	1.00	20.00			0.60	0.50	6.00	
	20.00	39.70	R/S	1.00	19.70			0.60	0.55	6.50	
	1st Main Road										
	LHS										
	0.00	30.00	L/S	1.00	30.00			0.60	0.60	10.80	
	30.00	60.00	L/S	1.00	30.00			0.60	0.60	10.80	
	60.00	90.00	L/S	1.00	30.00			0.60	0.55	9.90	
	90.00	120.00	L/S	1.00	30.00			0.60	0.60	10.80	
	120.00	150.00	L/S	1.00	30.00			0.60	0.60	10.80	
	150.00	180.00	L/S	1.00	30.00			0.60	0.60	10.80	
	180.00	210.00	L/S	1.00	30.00			0.60	0.60	10.80	
	210.00	240.00	L/S	1.00	30.00			0.60	0.60	10.80	
	240.00	270.00	L/S	1.00	30.00			0.60	0.60	10.80	
	270.00	300.00	L/S	1.00	30.00			0.60	0.55	9.90	
	300.00	330.00	L/S	1.00	30.00			0.60	0.60	10.80	
	330.00	360.00	L/S	1.00	30.00			0.60	0.60	10.80	
	RHS										
	0.00	30.00	R/S	1.00	30.00			0.60	0.60	10.80	
	30.00	60.00	R/S	1.00	30.00			0.60	0.55	9.90	
	60.00	90.00	R/S	1.00	30.00			0.60	0.60	10.80	
	90.00	120.00	R/S	1.00	30.00			0.60	0.60	10.80	
	120.00	150.00	R/S	1.00	30.00			0.60	0.60	10.80	
	150.00	180.00	R/S	1.00	30.00			0.60	0.55	9.90	
	180.00	210.00	R/S	1.00	30.00			0.60	0.60	10.80	
	210.00	240.00	R/S	1.00	30.00			0.60	0.60	10.80	
	240.00	270.00	R/S	1.00	30.00			0.60	0.55	9.90	
	270.00	300.00	R/S	1.00	30.00			0.60	0.60	10.80	
	300.00	330.00	R/S	1.00	30.00			0.60	0.55	9.90	
	330.00	360.00	R/S	1.00	30.00			0.60	0.60	10.80	
								TOTAL		**1071.10**	**Cum**

Consultant

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097,

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Roads at Hegadenagara Eastern Side Cross Roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
10	Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No.25, I.No.5.33 of PW, P&IWTD SR 2016-17)										
	1st Cross Road										
	LHS										
	0.00	30.00	L/S	1.00	23.00			1.80		41.40	
	30.00	60.00	L/S	1.00	25.00			1.80		45.00	
	60.00	90.00	L/S	1.00	27.00			1.80		48.60	
	90.00	96.00	L/S	0.00	6.00			1.80		0.00	
	96.00	126.00	L/S	1.00	28.00			1.80		50.40	
	126.00	156.00	L/S	1.00	28.00			1.80		50.40	
	156.00	190.00	L/S	1.00	28.00			1.80		50.40	
	RHS										
	0.00	30.00	R/S	1.00	28.00			1.80		50.40	
	30.00	60.00	R/S	1.00	27.00			1.80		48.60	
	60.00	90.00	R/S	1.00	25.00			1.80		45.00	
	90.00	96.00	R/S	0.00	6.00			1.80		0.00	
	96.00	126.00	R/S	1.00	27.00			1.80		48.60	
	126.00	156.00	R/S	1.00	22.00			1.80		39.60	
	156.00	190.00	R/S	1.00	28.00			1.80		50.40	
	2nd Cross Road										
	LHS										
	0.00	30.00	L/S	1.00	28.00			1.80		50.40	
	30.00	60.00	L/S	1.00	26.00			1.80		46.80	
	60.00	73.40	L/S	1.00	11.40			1.80		20.52	
	73.40	79.90	L/S	0.00	6.50			1.80		0.00	
	79.90	109.90	L/S	1.00	24.00			1.80		43.20	
	109.90	139.90	L/S	1.00	25.00			1.80		45.00	
	139.90	171.00	L/S	1.00	20.10			1.80		36.18	
	RHS										
	0.00	30.00	R/S	1.00	20.00			1.80		36.00	
	30.00	60.00	R/S	1.00	22.00			1.80		39.60	
	60.00	73.40	R/S	1.00	7.40			1.80		13.32	
	73.40	79.90	R/S	0.00	6.50			1.80		0.00	
	79.90	109.90	R/S	1.00	22.00			1.80		39.60	
	109.90	139.90	R/S	1.00	20.00			1.80		36.00	
	139.90	171.00	R/S	1.00	25.10			1.80		45.18	
	3rd Cross Road										
	LHS										
	0.00	30.00	L/S	1.00	20.00			1.80		36.00	
	30.00	60.00	L/S	1.00	21.00			1.80		37.80	
	60.00	90.00	L/S	1.00	24.00			1.80		43.20	

Consultant

Assistant Engineer 18/9/18
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer 18/9/18
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097,

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Roads at Hegadenagara Eastern Side Cross Roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	90.00	103.30	L/S	1.00	10.30			1.80		18.54	
	103.30	110.00	L/S	0.00	6.70			1.80		0.00	
	110.00	140.00	L/S	1.00	22.00			1.80		39.60	
	140.00	170.00	L/S	1.00	21.00			1.80		37.80	
	170.00	200.50	L/S	1.00	20.50			1.80		36.90	
	RHS										
	0.00	30.00	R/S	1.00	20.00			1.80		36.00	
	30.00	60.00	R/S	1.00	22.00			1.80		39.60	
	60.00	90.00	R/S	1.00	21.00			1.80		37.80	
	90.00	103.30	R/S	1.00	11.30			1.80		20.34	
	103.30	110.00	R/S	0.00	6.70			1.80		0.00	
	110.00	140.00	R/S	1.00	22.00			1.80		39.60	
	140.00	170.00	R/S	1.00	23.00			1.80		41.40	
	170.00	200.50	R/S	1.00	20.50			1.80		36.90	
	4th Cross Road										
	LHS										
	0.00	30.00	L/S	1.00	20.00			1.80		36.00	
	30.00	60.00	L/S	1.00	18.00			1.80		32.40	
	60.00	90.00	L/S	1.00	22.00			1.80		39.60	
	90.00	103.30	L/S	1.00	8.30			1.80		14.94	
	103.30	109.30	L/S	0.00	6.00			1.80		0.00	
	109.30	139.30	L/S	1.00	22.00			1.80		39.60	
	139.30	169.30	L/S	1.00	27.00			1.80		48.60	
	169.30	200.00	L/S	1.00	24.70			1.80		44.46	
	RHS										
	0.00	30.00	R/S	1.00	24.00			1.80		43.20	
	30.00	60.00	R/S	1.00	27.00			1.80		48.60	
	60.00	90.00	R/S	1.00	28.00			1.80		50.40	
	90.00	103.30	R/S	1.00	11.30			1.80		20.34	
	103.30	109.30	R/S	0.00	6.00			1.80		0.00	
	109.30	139.30	R/S	1.00	24.00			1.80		43.20	
	139.30	169.30	R/S	1.00	22.00			1.80		39.60	
	169.30	200.00	R/S	1.00	20.70			1.80		37.26	
	6th Cross Road										
	LHS										
	0.00	30.00	L/S	1.00	20.00			1.80		36.00	
	30.00	60.00	L/S	1.00	19.00			1.80		34.20	
	60.00	90.00	L/S	1.00	24.00			1.80		43.20	
	90.00	120.00	L/S	1.00	22.00			1.80		39.60	
	120.00	150.00	L/S	1.00	21.00			1.80		37.80	
	150.00	180.00	L/S	1.00	20.00			1.80		36.00	

Consultant

Assistant Engineer 18/9/18

Assistant Executive Engineer 18/09/18

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097,

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Roads at Hegadenagara Eastern Side Cross Roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	180.00	192.00	L/S	1.00	9.00			1.80		16.20	
	RHS										
	0.00	30.00	R/S	1.00	20.00			1.80		36.00	
	30.00	60.00	R/S	1.00	25.00			1.80		45.00	
	60.00	90.00	R/S	1.00	24.00			1.80		43.20	
	90.00	120.00	R/S	1.00	22.00			1.80		39.60	
	120.00	150.00	R/S	1.00	20.00			1.80		36.00	
	150.00	180.00	R/S	1.00	20.00			1.80		36.00	
	180.00	192.00	R/S	1.00	9.00			1.80		16.20	
	7th Cross Road										
	LHS										
	0.00	30.00	L/S	1.00	20.00			1.80		36.00	
	30.00	60.00	L/S	1.00	22.00			1.80		39.60	
	60.00	91.10	L/S	1.00	20.10			1.80		36.18	
	91.10	98.10	L/S	0.00	7.00			1.80		0.00	
	98.10	128.10	L/S	1.00	24.00			1.80		43.20	
	128.10	158.10	L/S	1.00	22.00			1.80		39.60	
	158.10	190.00	L/S	1.00	22.90			1.80		41.22	
	RHS										
	0.00	30.00	R/S	1.00	25.00			1.80		45.00	
	30.00	60.00	R/S	1.00	27.00			1.80		48.60	
	60.00	91.10	R/S	1.00	29.10			1.80		52.38	
	91.10	98.10	R/S	0.00	7.00			1.80		0.00	
	98.10	128.10	R/S	1.00	24.00			1.80		43.20	
	128.10	158.10	R/S	1.00	24.00			1.80		43.20	
	158.10	190.00	R/S	1.00	23.90			1.80		43.02	
	2nd A Main Road										
	LHS										
	0.00	20.00	L/S	1.00	14.00			1.80		25.20	
	20.00	39.70	L/S	1.00	16.70			1.80		30.06	
	RHS										
	0.00	20.00	R/S	1.00	18.00			1.80		32.40	
	20.00	39.70	R/S	1.00	16.70			1.80		30.06	
	1st Main Road										
	LHS										
	0.00	30.00	L/S	1.00	27.00			1.80		48.60	
	30.00	60.00	L/S	1.00	25.00			1.80		45.00	
	60.00	90.00	L/S	1.00	22.00			1.80		39.60	
	90.00	120.00	L/S	1.00	23.00			1.80		41.40	
	120.00	150.00	L/S	1.00	24.00			1.80		43.20	
	150.00	180.00	L/S	1.00	27.00			1.80		48.60	

Consultant

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097,

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Roads at Hegadenagara Eastern Side Cross Roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	180.00	210.00	L/S	1.00	28.00			1.80		50.40	
	210.00	240.00	L/S	1.00	25.00			1.80		45.00	
	240.00	270.00	L/S	1.00	24.00			1.80		43.20	
	270.00	300.00	L/S	1.00	29.00			1.80		52.20	
	300.00	330.00	L/S	1.00	28.00			1.80		50.40	
	330.00	360.00	L/S	1.00	25.00			1.80		45.00	
	RHS										
	0.00	30.00	R/S	1.00	29.00			1.80		52.20	
	30.00	60.00	R/S	1.00	25.00			1.80		45.00	
	60.00	90.00	R/S	1.00	24.00			1.80		43.20	
	90.00	120.00	R/S	1.00	20.00			1.80		36.00	
	120.00	150.00	R/S	1.00	28.00			1.80		50.40	
	150.00	180.00	R/S	1.00	22.00			1.80		39.60	
	180.00	210.00	R/S	1.00	24.00			1.80		43.20	
	210.00	240.00	R/S	1.00	28.00			1.80		50.40	
	240.00	270.00	R/S	1.00	26.00			1.80		46.80	
	270.00	300.00	R/S	1.00	27.00			1.80		48.60	
	300.00	330.00	R/S	1.00	24.00			1.80		43.20	
	330.00	360.00	R/S	1.00	28.00			1.80		50.40	
								TOTAL		**4285.80**	**Sqm**

Consultant

Assistant Engineer

18/9/18

Assistant Executive Engineer 18/09/18

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097,

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Roads at Hegadenagara Eastern Side Cross Roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
11	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick (P.No.25, I.No.5.31.1 of PW, P&IWTD SR 2016-17)										
	1st Cross Road										
	LHS										
	0.00	30.00	L/S	.00	7.00			1.80		12.60	
	30.00	60.00	L/S	1.00	5.00			1.80		9.00	
	60.00	90.00	L/S	1.00	3.00			1.80		5.40	
	90.00	96.00	L/S	0.00	0.00			1.80		0.00	
	96.00	126.00	L/S	1.00	2.00			1.80		3.60	
	126.00	156.00	L/S	1.00	2.00			1.80		3.60	
	156.00	190.00	L/S	1.00	6.00			1.80		10.80	
	RHS										
	0.00	30.00	R/S	1.00	2.00			1.80		3.60	
	30.00	60.00	R/S	1.00	3.00			1.80		5.40	
	60.00	90.00	R/S	1.00	5.00			1.80		9.00	
	90.00	96.00	R/S	0.00	0.00			1.80		0.00	
	96.00	126.00	R/S	1.00	3.00			1.80		5.40	
	126.00	156.00	R/S	1.00	8.00			1.80		14.40	
	156.00	190.00	R/S	1.00	6.00			1.80		10.80	
	2nd Cross Road										
	LHS										
	0.00	30.00	L/S	1.00	2.00			1.80		3.60	
	30.00	60.00	L/S	1.00	4.00			1.80		7.20	
	60.00	73.40	L/S	1.00	2.00			1.80		3.60	
	73.40	79.90	L/S	0.00	0.00			1.80		0.00	
	79.90	109.90	L/S	1.00	6.00			1.80		10.80	
	109.90	139.90	L/S	1.00	5.00			1.80		9.00	
	139.90	171.00	L/S	1.00	11.00			1.80		19.80	
	RHS										
	0.00	30.00	R/S	1.00	10.00			1.80		18.00	
	30.00	60.00	R/S	1.00	8.00			1.80		14.40	
	60.00	73.40	R/S	1.00	6.00			1.80		10.80	
	73.40	79.90	R/S	0.00	0.00			1.80		0.00	
	79.90	109.90	R/S	1.00	8.00			1.80		14.40	
	109.90	139.90	R/S	1.00	10.00			1.80		18.00	
	139.90	171.00	R/S	1.00	6.00			1.80		10.80	
	3rd Cross Road										
	LHS										
	0.00	30.00	L/S	1.00	10.00			1.80		18.00	

Consultant

Assistant Engineer
22/9/18
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer
22/09/18
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097,

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Roads at Hegadenagara Eastern Side Cross Roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	30.00	60.00	L/S	1.00	9.00			1.80		16.20	
	60.00	90.00	L/S	1.00	6.00			1.80		10.80	
	90.00	103.30	L/S	1.00	3.00			1.80		5.40	
	103.30	110.00	L/S	0.00	0.00			1.80		0.00	
	110.00	140.00	L/S	1.00	8.00			1.80		14.40	
	140.00	170.00	L/S	1.00	9.00			1.80		16.20	
	170.00	200.50	L/S	1.00	10.00			1.80		18.00	
	RHS										
	0.00	30.00	R/S	1.00	10.00			1.80		18.00	
	30.00	60.00	R/S	1.00	8.00			1.80		14.40	
	60.00	90.00	R/S	1.00	9.00			1.80		16.20	
	90.00	103.30	R/S	1.00	2.00			1.80		3.60	
	103.30	110.00	R/S	0.00	0.00			1.80		0.00	
	110.00	140.00	R/S	1.00	8.00			1.80		14.40	
	140.00	170.00	R/S	1.00	7.00			1.80		12.60	
	170.00	200.50	R/S	1.00	10.00			1.80		18.00	
	4th Cross Road										
	LHS										
	0.00	30.00	L/S	1.00	10.00			1.80		18.00	
	30.00	60.00	L/S	1.00	12.00			1.80		21.60	
	60.00	90.00	L/S	1.00	8.00			1.80		14.40	
	90.00	103.30	L/S	1.00	5.00			1.80		9.00	
	103.30	109.30	L/S	0.00	0.00			1.80		0.00	
	109.30	139.30	L/S	1.00	8.00			1.80		14.40	
	139.30	169.30	L/S	1.00	3.00			1.80		5.40	
	169.30	200.00	L/S	1.00	6.00			1.80		10.80	
	RHS										
	0.00	30.00	R/S	1.00	6.00			1.80		10.80	
	30.00	60.00	R/S	1.00	3.00			1.80		5.40	
	60.00	90.00	R/S	1.00	2.00			1.80		3.60	
	90.00	103.30	R/S	1.00	2.00			1.80		3.60	
	103.30	109.30	R/S	0.00	0.00			1.80		0.00	
	109.30	139.30	R/S	1.00	6.00			1.80		10.80	
	139.30	169.30	R/S	1.00	8.00			1.80		14.40	
	169.30	200.00	R/S	1.00	10.00			1.80		18.00	
	6th Cross Road										
	LHS										
	0.00	30.00	L/S	1.00	10.00			1.80		18.00	
	30.00	60.00	L/S	1.00	11.00			1.80		19.80	
	60.00	90.00	L/S	1.00	6.00			1.80		10.80	
	90.00	120.00	L/S	1.00	8.00			1.80		14.40	

Consultant

Assistant Engineer 22/9/18
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಭ್ಯಾತರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer 22/9/18
ಸಹಾಯಕ ಕಾರ್ಯ ನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097,

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Roads at Hegadenagara Eastern Side Cross Roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	120.00	150.00	L/S	1.00	9.00			1.80		16.20	
	150.00	180.00	L/S	1.00	10.00			1.80		18.00	
	180.00	192.00	L/S	1.00	3.00			1.80		5.40	
	RHS										
	0.00	30.00	R/S	1.00	10.00			1.80		18.00	
	30.00	60.00	R/S	1.00	5.00			1.80		9.00	
	60.00	90.00	R/S	1.00	6.00			1.80		10.80	
	90.00	120.00	R/S	1.00	8.00			1.80		14.40	
	120.00	150.00	R/S	1.00	10.00			1.80		18.00	
	150.00	180.00	R/S	1.00	10.00			1.80		18.00	
	180.00	192.00	R/S	1.00	3.00			1.80		5.40	
	7th Cross Road										
	LHS										
	0.00	30.00	L/S	1.00	10.00			1.80		18.00	
	30.00	60.00	L/S	1.00	8.00			1.80		14.40	
	60.00	91.10	L/S	1.00	11.00			1.80		19.80	
	91.10	98.10	L/S	0.00	0.00			1.80		0.00	
	98.10	128.10	L/S	1.00	6.00			1.80		10.80	
	128.10	158.10	L/S	1.00	8.00			1.80		14.40	
	158.10	190.00	L/S	1.00	9.00			1.80		16.20	
	RHS										
	0.00	30.00	R/S	1.00	5.00			1.80		9.00	
	30.00	60.00	R/S	1.00	3.00			1.80		5.40	
	60.00	91.10	R/S	1.00	2.00			1.80		3.60	
	91.10	98.10	R/S	0.00	0.00			1.80		0.00	
	98.10	128.10	R/S	1.00	6.00			1.80		10.80	
	128.10	158.10	R/S	1.00	6.00			1.80		10.80	
	158.10	190.00	R/S	1.00	8.00			1.80		14.40	
	2nd A Main Road										
	LHS										
	0.00	20.00	L/S	1.00	6.00			1.80		10.80	
	20.00	39.70	L/S	1.00	3.00			1.80		5.40	
	RHS										
	0.00	20.00	R/S	1.00	2.00			1.80		3.60	
	20.00	39.70	R/S	1.00	3.00			1.80		5.40	
	1st Main Road										
	LHS										
	0.00	30.00	L/S	1.00	3.00			1.80		5.40	
	30.00	60.00	L/S	1.00	5.00			1.80		9.00	
	60.00	90.00	L/S	1.00	8.00			1.80		14.40	

Consultant

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097,

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Roads at Hegadenagara Eastern Side Cross Roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	90.00	120.00	L/S	1.00	7.00			1.80		12.60	
	120.00	150.00	L/S	1.00	6.00			1.80		10.80	
	150.00	180.00	L/S	1.00	3.00			1.80		5.40	
	180.00	210.00	L/S	1.00	2.00			1.80		3.60	
	210.00	240.00	L/S	1.00	5.00			1.80		9.00	
	240.00	270.00	L/S	1.00	6.00			1.80		10.80	
	270.00	300.00	L/S	1.00	1.00			1.80		1.80	
	300.00	330.00	L/S	1.00	2.00			1.80		3.60	
	330.00	360.00	L/S	1.00	5.00			1.80		9.00	
	RHS										
	0.00	30.00	R/S	1.00	1.00			1.80		1.80	
	30.00	60.00	R/S	1.00	5.00			1.80		9.00	
	60.00	90.00	R/S	1.00	6.00			1.80		10.80	
	90.00	120.00	R/S	1.00	10.00			1.80		18.00	
	120.00	150.00	R/S	1.00	2.00			1.80		3.60	
	150.00	180.00	R/S	1.00	8.00			1.80		14.40	
	180.00	210.00	R/S	1.00	6.00			1.80		10.80	
	210.00	240.00	R/S	1.00	2.00			1.80		3.60	
	240.00	270.00	R/S	1.00	4.00			1.80		7.20	
	270.00	300.00	R/S	1.00	3.00			1.80		5.40	
	300.00	330.00	R/S	1.00	6.00			1.80		10.80	
	330.00	360.00	R/S	1.00	2.00			1.80		3.60	
								TOTAL		**1153.80**	**Sqm**

Consultant

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097,

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Roads at Hegadenagara Eastern Side Cross Roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
26	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of PW,P&IWTD S.R 2016-17)										
	1st Cross Road										
	0.00	30.00		1.00	30.00			1.80	0.23	12.42	
	30.00	60.00		1.00	30.00			1.80	0.23	12.42	
	60.00	90.00		1.00	30.00			1.80	0.23	12.42	
	90.00	96.00		0.00	6.00			1.80	0.23	0.00	
	96.00	126.00		1.00	30.00			1.80	0.23	12.42	
	126.00	156.00		1.00	30.00			1.80	0.23	12.42	
	156.00	190.00		1.00	34.00			1.80	0.23	14.08	
	2nd Cross Road										
	0.00	30.00		1.00	30.00			2.00	0.23	13.80	
	30.00	60.00		1.00	30.00			2.00	0.23	13.80	
	60.00	73.40		1.00	13.40			2.00	0.23	6.16	
	73.40	79.90		0.00	6.50			2.00	0.23	0.00	
	79.90	109.90		1.00	30.00			2.00	0.23	13.80	
	109.90	139.90		1.00	30.00			2.00	0.23	13.80	
	139.90	171.00		1.00	31.10			2.00	0.23	14.31	
	3rd Cross Road										
	0.00	30.00		1.00	30.00			2.00	0.23	13.80	
	30.00	60.00		1.00	30.00			2.00	0.23	13.80	
	60.00	90.00		1.00	30.00			2.00	0.23	13.80	
	90.00	103.30		1.00	13.30			2.00	0.23	6.12	
	103.30	110.00		0.00	6.70			2.00	0.23	0.00	
	110.00	140.00		1.00	30.00			2.00	0.23	13.80	
	140.00	170.00		1.00	30.00			2.00	0.23	13.80	
	170.00	200.50		1.00	30.50			2.00	0.23	14.03	
	4th Cross Road										
	0.00	30.00		1.00	30.00			2.00	0.23	13.80	
	30.00	60.00		1.00	30.00			2.00	0.23	13.80	
	60.00	90.00		1.00	30.00			2.00	0.23	13.80	
	90.00	103.30		1.00	13.30			2.00	0.23	6.12	
	103.30	109.30		0.00	6.00			2.00	0.23	0.00	
	109.30	139.30		1.00	30.00			2.00	0.23	13.80	
	139.30	169.30		1.00	30.00			2.00	0.23	13.80	
	169.30	200.00		1.00	30.70			2.00	0.23	14.12	

TEJUS CONSULTANTS — Consultant

BENAKA DEVELOPERS AND PROJECTS PVT LTD * BANGALORE *

9/10/18

Assistant Engineer

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Assistant Executive Engineer 9/10/18

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097,

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Roads at Hegadenagara Eastern Side Cross Roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
	5th Cross Road										
	0.00	30.00		3.00	30.00			1.20	0.23	24.84	
	30.00	60.00		3.00	30.00			1.20	0.23	24.84	
	60.00	90.00		3.00	30.00			1.20	0.23	24.84	
	90.00	120.00		3.00	30.00			1.20	0.23	24.84	
	120.00	150.00		3.00	30.00			1.20	0.23	24.84	
	150.00	180.00		3.00	30.00			1.20	0.23	24.84	
	180.00	190.20		3.00	10.20			1.20	0.23	8.45	
	6th Cross Road										
	0.00	30.00		1.00	30.00			2.00	0.23	13.80	
	30.00	60.00		1.00	30.00			2.00	0.23	13.80	
	60.00	90.00		1.00	30.00			2.00	0.23	13.80	
	90.00	120.00		1.00	30.00			2.00	0.23	13.80	
	120.00	150.00		1.00	30.00			2.00	0.23	13.80	
	150.00	180.00		1.00	30.00			2.00	0.23	13.80	
	180.00	192.00		1.00	12.00			2.00	0.23	5.52	
	7th Cross Road										
	0.00	30.00		1.00	30.00			2.00	0.23	13.80	
	30.00	60.00		1.00	30.00			2.00	0.23	13.80	
	60.00	91.10		1.00	31.10			2.00	0.23	14.31	
	91.10	98.10		0.00	7.00			2.00	0.23	0.00	
	98.10	128.10		1.00	30.00			2.00	0.23	13.80	
	128.10	158.10		1.00	30.00			2.00	0.23	13.80	
	158.10	190.00		1.00	31.90			2.00	0.23	14.67	
	Bad Reaches										
				6.00	2.10			2.40	0.23	6.96	
				5.00	2.00			1.95	0.23	4.49	
				6.00	1.60			1.85	0.23	4.08	
								TOTAL		**675.74**	**Cum**

Consultant

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097,

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Roads at Hegadenagara Eastern Side Cross Roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
28	KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications. MORTH Specification No. 406 (P.No.158, I.No.20.18 of PW,P&IWTD SR 2016-17)										
	1st Cross Road										
	0.00	30.00		1.00	30.00			1.80	0.23	12.42	
	30.00	60.00		1.00	30.00			1.80	0.23	12.42	
	60.00	90.00		1.00	30.00			1.80	0.23	12.42	
	90.00	96.00		0.00	6.00			1.80	0.23	0.00	
	96.00	126.00		1.00	30.00			1.80	0.23	12.42	
	126.00	156.00		1.00	30.00			1.80	0.23	12.42	
	156.00	190.00		1.00	34.00			1.80	0.23	14.08	
	2nd Cross Road										
	0.00	30.00		1.00	30.00			2.00	0.23	13.80	
	30.00	60.00		1.00	30.00			2.00	0.23	13.80	
	60.00	73.40		1.00	13.40			2.00	0.23	6.16	
	73.40	79.90		0.00	6.50			2.00	0.23	0.00	
	79.90	109.90		1.00	30.00			2.00	0.23	13.80	
	109.90	139.90		1.00	30.00			2.00	0.23	13.80	
	139.90	171.00		1.00	31.10			2.00	0.23	14.31	
	3rd Cross Road										
	0.00	30.00		1.00	30.00			2.00	0.23	13.80	
	30.00	60.00		1.00	30.00			2.00	0.23	13.80	
	60.00	90.00		1.00	30.00			2.00	0.23	13.80	
	90.00	103.30		1.00	13.30			2.00	0.23	6.12	
	103.30	110.00		0.00	6.70			2.00	0.23	0.00	
	110.00	140.00		1.00	30.00			2.00	0.23	13.80	
	140.00	170.00		1.00	30.00			2.00	0.23	13.80	
	170.00	200.50		1.00	30.50			2.00	0.23	14.03	
	4th Cross Road										
	0.00	30.00		1.00	30.00			2.00	0.23	13.80	
	30.00	60.00		1.00	30.00			2.00	0.23	13.80	
	60.00	90.00		1.00	30.00			2.00	0.23	13.80	
	90.00	103.30		1.00	13.30			2.00	0.23	6.12	
	103.30	109.30		0.00	6.00			2.00	0.23	0.00	
	109.30	139.30		1.00	30.00			2.00	0.23	13.80	
	139.30	169.30		1.00	30.00			2.00	0.23	13.80	
	169.30	200.00		1.00	30.70			2.00	0.23	14.12	

Consultant

Assistant Engineer

16/10/18

Assistant Executive Engineer

7

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097,

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Roads at Hegadenagara Eastern Side Cross Roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
	5th Cross Road										
	0.00	30.00		3.00	30.00			1.20	0.23	24.84	
	30.00	60.00		3.00	30.00			1.20	0.23	24.84	
	60.00	90.00		3.00	30.00			1.20	0.23	24.84	
	90.00	120.00		3.00	30.00			1.20	0.23	24.84	
	120.00	150.00		3.00	30.00			1.20	0.23	24.84	
	150.00	180.00		3.00	30.00			1.20	0.23	24.84	
	180.00	190.20		3.00	10.20			1.20	0.23	8.45	
	6th Cross Road										
	0.00	30.00		1.00	30.00			2.00	0.23	13.80	
	30.00	60.00		1.00	30.00			2.00	0.23	13.80	
	60.00	90.00		1.00	30.00			2.00	0.23	13.80	
	90.00	120.00		1.00	30.00			2.00	0.23	13.80	
	120.00	150.00		1.00	30.00			2.00	0.23	13.80	
	150.00	180.00		1.00	30.00			2.00	0.23	13.80	
	180.00	192.00		1.00	12.00			2.00	0.23	5.52	
	7th Cross Road										
	0.00	30.00		1.00	30.00			2.00	0.23	13.80	
	30.00	60.00		1.00	30.00			2.00	0.23	13.80	
	60.00	91.10		1.00	31.10			2.00	0.23	14.31	
	91.10	98.10		0.00	7.00			2.00	0.23	0.00	
	98.10	128.10		1.00	30.00			2.00	0.23	13.80	
	128.10	158.10		1.00	30.00			2.00	0.23	13.80	
	158.10	190.00		1.00	31.90			2.00	0.23	14.67	
	Bad Reaches										
				6.00	2.10			2.40	0.23	6.96	
				5.00	2.00			1.95	0.23	4.49	
				6.00	1.60			1.85	0.23	4.08	
								TOTAL		**675.74**	Cum

Consultant

Assistant Engineer 17/10/18
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ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer 17/10/18
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

BRUHATH BANGALORE MAHANAGARA PALIKE
BYATARAYANAPURA DIVISION

Name of the work: Providing and Asphalting in Police Qutres main Road and Cross Road in Ward No.06(Thanisandra), Byatarayanapura Sub Division.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : -Providing and Asphalting in Police Qutres main Road and Cross Road in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
3	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the										
	2nd Cross										
	LHS										
	0.00	30.00	L/S	1.00	30.00			0.55	0.45	7.43	
	30.00	60.00	L/S	1.00	30.00			0.55	0.45	7.43	
	60.00	90.00	L/S	1.00	30.00			0.55	0.45	7.43	
	90.00	108.00	L/S	1.00	18.00			0.55	0.45	4.46	
	RHS										
	0.00	30.00	L/S	1.00	30.00			0.55	0.45	7.43	
	30.00	60.00	L/S	1.00	30.00			0.55	0.45	7.43	
	60.00	90.00	L/S	1.00	30.00			0.55	0.45	7.43	
	90.00	108.00	L/S	1.00	18.00			0.55	0.45	4.46	
	Main Road										
	LHS										
	0.00	30.00	L/S	1.00	30.00			0.55	0.45	7.43	
	30.00	60.00	L/S	1.00	30.00			0.55	0.45	7.43	
	60.00	90.00	L/S	1.00	30.00			0.55	0.45	7.43	
	90.00	120.00	L/S	1.00	30.00			0.55	0.45	7.43	
	120.00	150.00	L/S	1.00	30.00			0.55	0.45	7.43	
	150.00	180.00	L/S	1.00	30.00			0.55	0.45	7.43	
	180.00	210.00	L/S	1.00	30.00			0.55	0.45	7.43	
	210.00	240.00	L/S	1.00	30.00			0.55	0.45	7.43	
	240.00	270.00	L/S	1.00	30.00			0.55	0.45	7.43	
	270.00	300.00	L/S	1.00	30.00			0.55	0.45	7.43	
	300.00	330.00	L/S	1.00	30.00			0.55	0.45	7.43	
	330.00	360.00	L/S	1.00	30.00			0.55	0.45	7.43	
	360.00	387.00	L/S	1.00	27.00			0.55	0.45	6.68	
	387.00	397.00	L/S	1.00	10.00			0.55	0.45	2.48	
	RHS										
	0.00	30.00	R/S	1.00	30.00			0.60	0.45	8.10	
	30.00	60.00	R/S	1.00	30.00			0.60	0.45	8.10	
	60.00	90.00	R/S	1.00	30.00			0.60	0.45	8.10	
	90.00	120.00	R/S	1.00	30.00			0.60	0.45	8.10	
	120.00	150.00	R/S	1.00	30.00			0.60	0.45	8.10	
	150.00	180.00	R/S	1.00	30.00			0.60	0.45	8.10	
	180.00	210.00	R/S	1.00	30.00			0.60	0.45	8.10	
	210.00	240.00	R/S	1.00	30.00			0.60	0.45	8.10	

TEXUS CONSULTANTS Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

12/11/18
Assistant Engineer
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ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

12/11/18
Assistant Executive Engineer
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

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Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : -Providing and Asphalting in Police Qutres main Road and Cross Road in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
	240.00	270.00	R/S	1.00	30.00			0.60	0.45	8.10	
	270.00	300.00	R/S	1.00	30.00			0.60	0.45	8.10	
	300.00	330.00	R/S	1.00	30.00			0.60	0.45	8.10	
	330.00	360.00	R/S	1.00	30.00			0.60	0.45	8.10	
	360.00	387.00	R/S	1.00	27.00			0.60	0.45	7.29	
	387.00	397.00	R/S	1.00	10.00			0.60	0.50	3.00	
								TOTAL		259.21	Cum

TEKTAS CONSULTANTS
Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

12/11/18
Assistant Engineer
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

12/11/18
Assistant Executive Engineer
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-26

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : -Providing and Asphalting in Police Qutres main Road and Cross Road in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
10	Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No.25, I.No.5.33 of PW, P&IWTD SR 2016-17)										
	2nd Cross										
	LHS										
	0.00	30.00	L/S	1.00	5.00			1.80		9.00	
	30.00	60.00	L/S	1.00	5.00			1.80		9.00	
	90.00	108.00	L/S	1.00	5.00			1.80		9.00	
	RHS										
	0.00	30.00	L/S	1.00	3.00			1.80		5.40	
	60.00	90.00	L/S	1.00	8.00			1.80		14.40	
	90.00	108.00	L/S	1.00	6.00			1.80		10.80	
	Main Road										
	LHS										
	0.00	30.00	L/S	1.00	5.00			1.80		9.00	
	30.00	60.00	L/S	1.00	6.00			1.80		10.80	
	60.00	90.00	L/S	1.00	8.00			1.80		14.40	
	150.00	180.00	L/S	1.00	5.00			1.80		9.00	
	180.00	210.00	L/S	1.00	6.00			1.80		10.80	
	210.00	240.00	L/S	1.00	9.00			1.80		16.20	
	240.00	270.00	L/S	1.00	12.00			1.80		21.60	
	270.00	300.00	L/S	1.00	3.00			1.80		5.40	
	360.00	387.00	L/S	1.00	3.00			1.80		5.40	
	387.00	397.00	L/S	1.00	5.00			1.80		9.00	
	RHS										
	0.00	30.00	R/S	1.00	10.00			1.80		18.00	
	60.00	90.00	R/S	1.00	12.00			1.80		21.60	
	90.00	120.00	R/S	1.00	6.00			1.80		10.80	
	120.00	150.00	R/S	1.00	15.00			1.80		27.00	
	150.00	180.00	R/S	1.00	5.00			1.80		9.00	
	210.00	240.00	R/S	1.00	8.00			1.80		14.40	
	240.00	270.00	R/S	1.00	9.00			1.80		16.20	
	360.00	387.00	R/S	1.00	5.00			1.80		9.00	
	387.00	397.00	R/S	1.00	3.00			1.80		5.40	
								TOTAL		**300.60**	**Sqm**

TEJAS CONSULTANTS
Consultant

BENAKA DEVELOPERS AND PROJECTS PVT LTD * BANGALORE *

Assistant Engineer 5/11/18
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer 5/11/18
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : -Providing and Asphalting in Police Qutres main Road and Cross Road in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
11	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick (P.No.25, I.No.5.31.1 of PW, P&IWTD SR 2016-17)										
	2nd Cross										
	LHS										
	0.00	30.00	L/S	1.00	2.00			1.80		3.60	
	30.00	60.00	L/S	1.00	1.00			1.80		1.80	
	90.00	108.00	L/S	1.00	1.00			1.80		1.80	
	RHS										
	0.00	30.00	L/S	1.00	1.00			1.80		1.80	
	60.00	90.00	L/S	1.00	2.00			1.80		3.60	
	90.00	108.00	L/S	1.00	2.00			1.80		3.60	
	Main Road										
	LHS										
	0.00	30.00	L/S	1.00	2.00			1.80		3.60	
	30.00	60.00	L/S	1.00	2.00			1.80		3.60	
	60.00	90.00	L/S	1.00	1.20			1.80		2.16	
	150.00	180.00	L/S	1.00	1.00			1.80		1.80	
	180.00	210.00	L/S	1.00	3.00			1.80		5.40	
	210.00	240.00	L/S	1.00	1.00			1.80		1.80	
	240.00	270.00	L/S	1.00	1.00			1.80		1.80	
	270.00	300.00	L/S	1.00	2.00			1.80		3.60	
	360.00	387.00	L/S	1.00	1.00			1.80		1.80	
	387.00	397.00	L/S	1.00	2.00			1.80		3.60	
	RHS										
	0.00	30.00	R/S	1.00	1.00			1.80		1.80	
	60.00	90.00	R/S	1.00	1.50			1.80		2.70	
	90.00	120.00	R/S	1.00	1.00			1.80		1.80	
	120.00	150.00	R/S	1.00	1.00			1.80		1.80	
	150.00	180.00	R/S	1.00	1.00			1.80		1.80	
	210.00	240.00	R/S	1.00	2.00			1.80		3.60	
	240.00	270.00	R/S	1.00	1.00			1.80		1.80	
	360.00	387.00	R/S	1.00	2.00			1.80		3.60	
	387.00	397.00	R/S	1.00	2.00			1.80		3.60	
								TOTAL		**67.86**	**Sqm**

TEJUS CONSULTANTS

Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Engineer

15/11/18

Assistant Executive Engineer

15/11/18

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : -Providing and Asphalting in Police Qutres main Road and Cross Road in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
26	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of PW,P&IWTD S.R 2016-17)										
	2nd Cross										
	0.00	30.00		1.00	30.00	5.80	5.20	5.50	0.23	37.95	
	30.00	60.00		1.00	30.00	5.20	4.85	5.03	0.23	34.67	
	60.00	90.00		1.00	30.00	4.85	6.00	5.43	0.23	37.43	
	90.00	108.00		1.00	18.00	6.00	6.00	6.00	0.23	24.84	
	Main Road										
	0.00	30.00	R/S	1.00	30.00	1.10	1.20	1.15	0.23	7.94	
	30.00	60.00	R/S	1.00	30.00	1.20	1.00	1.10	0.23	7.59	
	60.00	90.00	R/S	1.00	30.00	1.20	0.90	1.05	0.23	7.25	
	90.00	120.00	R/S	1.00	30.00	1.20	1.20	1.20	0.23	8.28	
	120.00	150.00	R/S	1.00	30.00	1.20	1.15	1.18	0.23	8.11	
	150.00	180.00	R/S	1.00	30.00	1.20	1.00	1.10	0.23	7.59	
	180.00	210.00	R/S	1.00	30.00	1.20	0.90	1.05	0.23	7.25	
	210.00	240.00	R/S	1.00	30.00	1.20	1.10	1.15	0.23	7.94	
	240.00	270.00	R/S	1.00	30.00	1.20	1.15	1.18	0.23	8.11	
	270.00	300.00	R/S	1.00	30.00	1.20	1.10	1.15	0.23	7.94	
	300.00	330.00	R/S	1.00	30.00	1.20	1.15	1.18	0.23	8.11	
	330.00	360.00	R/S	1.00	30.00	1.20	1.20	1.20	0.23	8.28	
	360.00	387.00	R/S	1.00	27.00	1.20	1.00	1.10	0.23	6.83	
	387.00	397.00	R/S	1.00	10.00	1.20	1.10	1.15	0.23	2.65	
	Main Road										
	0.00	30.00	L/S	1.00	30.00	1.20	1.00	1.10	0.23	7.59	
	30.00	60.00	L/S	1.00	30.00	1.00	0.90	0.95	0.23	6.56	
	60.00	90.00	L/S	1.00	30.00	0.90	1.10	1.00	0.23	6.90	
	90.00	120.00	L/S	1.00	30.00	1.10	1.15	1.13	0.23	7.76	
	120.00	150.00	L/S	1.00	30.00	1.15	1.10	1.13	0.23	7.76	
	150.00	180.00	L/S	1.00	30.00	1.10	1.15	1.13	0.23	7.76	
	180.00	210.00	L/S	1.00	30.00	1.15	1.20	1.18	0.23	8.11	
	210.00	240.00	L/S	1.00	30.00	1.20	1.00	1.10	0.23	7.59	
	240.00	270.00	L/S	1.00	30.00	1.00	1.10	1.05	0.23	7.25	
	270.00	300.00	L/S	1.00	30.00	1.10	1.15	1.13	0.23	7.76	
	300.00	330.00	L/S	1.00	30.00	1.15	1.20	1.18	0.23	8.11	
	330.00	360.00	L/S	1.00	30.00	1.20	1.00	1.10	0.23	7.59	
	360.00	387.00	L/S	1.00	27.00	1.00	1.20	1.10	0.23	6.83	
	387.00	397.00	L/S	1.00	10.00	1.20	1.20	1.20	0.23	2.76	

TEJUS CONSULTANTS Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Engineer 1/12/18

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Assistant Executive Engineer 22.12.18

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : -Providing and Asphalting in Police Qutres main Road and Cross Road in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Dcp station back side gate road										
	0.00	30.00		1.00	30.00	4.20	4.30	4.25	0.23	29.33	
	30.00	60.00		1.00	30.00	4.30	4.80	4.55	0.23	31.40	
	60.00	78.60		1.00	18.60	4.80	4.30	4.55	0.23	19.46	
	UGD Cutting										
	Main Road										
	0.00	30.00		1.00	30.00	1.20	1.10	1.15	0.23	7.94	
	30.00	60.00		1.00	30.00	1.10	1.20	1.15	0.23	7.94	
	60.00	90.00		1.00	30.00	1.20	1.15	1.18	0.23	8.11	
	90.00	120.00		1.00	30.00	1.15	1.10	1.13	0.23	7.76	
	120.00	150.00		1.00	30.00	1.10	1.20	1.15	0.23	7.94	
	150.00	180.00		1.00	30.00	1.20	1.15	1.18	0.23	8.11	
	180.00	210.00		1.00	30.00	1.15	1.20	1.18	0.23	8.11	
	210.00	240.00		1.00	30.00	1.20	1.20	1.20	0.23	8.28	
	240.00	270.00		1.00	30.00	1.20	1.20	1.20	0.23	8.28	
	270.00	300.00		1.00	30.00	1.20	1.15	1.18	0.23	8.11	
	300.00	330.00		1.00	30.00	1.15	1.20	1.18	0.23	8.11	
	330.00	360.00		1.00	30.00	1.20	1.20	1.20	0.23	8.28	
	360.00	387.00		1.00	27.00	1.20	1.20	1.20	0.23	7.45	
	387.00	397.00		1.00	10.00	1.20	1.20	1.20	0.23	2.76	
								TOTAL		**526.40**	**Cum**

NITEJUS CONSULTANTS Consultant

BENAKA DEVELOPERS AND PROJECTS PVT LTD. BANGALORE

Assistant Engineer 1/12/18

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ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer 1/12/18

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು

ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : -Providing and Asphalting in Police Qutres main Road and Cross Road in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
28	KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications. MORTH Specification No. 406 (P.No.158, I.No.20.18 of PW,P&IWTD SR 2016-17)										
	2nd Cross										
	0.00	30.00		1.00	30.00	5.80	5.20	5.50	0.23	37.95	
	30.00	60.00		1.00	30.00	5.20	4.85	5.03	0.23	34.67	
	60.00	90.00		1.00	30.00	4.85	6.00	5.43	0.23	37.43	
	90.00	108.00		1.00	18.00	6.00	6.00	6.00	0.23	24.84	
	Main Road										
	0.00	30.00	R/S	1.00	30.00	1.10	1.20	1.15	0.23	7.94	
	30.00	60.00	R/S	1.00	30.00	1.20	1.00	1.10	0.23	7.59	
	60.00	90.00	R/S	1.00	30.00	1.20	0.90	1.05	0.23	7.25	
	90.00	120.00	R/S	1.00	30.00	1.20	1.20	1.20	0.23	8.28	
	120.00	150.00	R/S	1.00	30.00	1.20	1.15	1.18	0.23	8.11	
	150.00	180.00	R/S	1.00	30.00	1.20	1.00	1.10	0.23	7.59	
	180.00	210.00	R/S	1.00	30.00	1.20	0.90	1.05	0.23	7.25	
	210.00	240.00	R/S	1.00	30.00	1.20	1.10	1.15	0.23	7.94	
	240.00	270.00	R/S	1.00	30.00	1.20	1.15	1.18	0.23	8.11	
	270.00	300.00	R/S	1.00	30.00	1.20	1.10	1.15	0.23	7.94	
	300.00	330.00	R/S	1.00	30.00	1.20	1.15	1.18	0.23	8.11	
	330.00	360.00	R/S	1.00	30.00	1.20	1.20	1.20	0.23	8.28	
	360.00	387.00	R/S	1.00	27.00	1.20	1.00	1.10	0.23	6.83	
	387.00	397.00	R/S	1.00	10.00	1.20	1.10	1.15	0.23	2.65	
	Main Road										
	0.00	30.00	L/S	1.00	30.00	1.20	1.00	1.10	0.23	7.59	
	30.00	60.00	L/S	1.00	30.00	1.00	0.90	0.95	0.23	6.56	
	60.00	90.00	L/S	1.00	30.00	0.90	1.10	1.00	0.23	6.90	
	90.00	120.00	L/S	1.00	30.00	1.10	1.15	1.13	0.23	7.76	
	120.00	150.00	L/S	1.00	30.00	1.15	1.10	1.13	0.23	7.76	
	150.00	180.00	L/S	1.00	30.00	1.10	1.15	1.13	0.23	7.76	
	180.00	210.00	L/S	1.00	30.00	1.15	1.20	1.18	0.23	8.11	
	210.00	240.00	L/S	1.00	30.00	1.20	1.00	1.10	0.23	7.59	
	240.00	270.00	L/S	1.00	30.00	1.00	1.10	1.05	0.23	7.25	
	270.00	300.00	L/S	1.00	30.00	1.10	1.15	1.13	0.23	7.76	
	300.00	330.00	L/S	1.00	30.00	1.15	1.20	1.18	0.23	8.11	
	330.00	360.00	L/S	1.00	30.00	1.20	1.00	1.10	0.23	7.59	

EJUS CONSULTANTS Consultant

BENAKA DEVELOPERS AND PROJECTS PVT LTD BANGALORE

Assistant Engineer 10/12/18

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ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer 10/12/18

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು

ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : -Providing and Asphalting in Police Qutres main Road and Cross Road in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	360.00	387.00	L/S	1.00	27.00	1.00	1.20	1.10	0.23	6.83	
	387.00	397.00	L/S	1.00	10.00	1.20	1.20	1.20	0.23	2.76	
	Dcp station back side gate road										
	0.00	30.00		1.00	30.00	4.20	4.30	4.25	0.23	29.33	
	30.00	60.00		1.00	30.00	4.30	4.80	4.55	0.23	31.40	
	60.00	78.60		1.00	18.60	4.80	4.30	4.55	0.23	19.46	
	UGD Cutting										
	Main Road										
	0.00	30.00		1.00	30.00	1.20	1.10	1.15	0.23	7.94	
	30.00	60.00		1.00	30.00	1.10	1.20	1.15	0.23	7.94	
	60.00	90.00		1.00	30.00	1.20	1.15	1.18	0.23	8.11	
	90.00	120.00		1.00	30.00	1.15	1.10	1.13	0.23	7.76	
	120.00	150.00		1.00	30.00	1.10	1.20	1.15	0.23	7.94	
	150.00	180.00		1.00	30.00	1.20	1.15	1.18	0.23	8.11	
	180.00	210.00		1.00	30.00	1.15	1.20	1.18	0.23	8.11	
	210.00	240.00		1.00	30.00	1.20	1.20	1.20	0.23	8.28	
	240.00	270.00		1.00	30.00	1.20	1.20	1.20	0.23	8.28	
	270.00	300.00		1.00	30.00	1.20	1.15	1.18	0.23	8.11	
	300.00	330.00		1.00	30.00	1.15	1.20	1.18	0.23	8.11	
	330.00	360.00		1.00	30.00	1.20	1.20	1.20	0.23	8.28	
	360.00	387.00		1.00	27.00	1.20	1.20	1.20	0.23	7.45	
	387.00	397.00		1.00	10.00	1.20	1.20	1.20	0.23	2.76	
								TOTAL		**526.40**	**Cum**

TEJUS CONSULTANTS

Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Engineer 12/12/18

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer 12/12/18

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : -Providing and Asphalting in Police Qutres main Road and Cross Road in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
29	KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications. As per MORTH specification clause No. 502 (P.No.161, I.No.21.6 of PW,P&IWTD SR 2016-17)										
	2nd Cross										
	0.00	30.00		1.00	30.00	5.80	5.20	5.50		165.00	
	30.00	60.00		1.00	30.00	5.20	4.85	5.03		150.75	
	60.00	90.00		1.00	30.00	4.85	6.00	5.43		162.75	
	90.00	108.00		1.00	18.00	6.00	6.00	6.00		108.00	
	Main Road										
	0.00	30.00	R/S	1.00	30.00	1.10	1.20	1.15		34.50	
	30.00	60.00	R/S	1.00	30.00	1.20	1.00	1.10		33.00	
	60.00	90.00	R/S	1.00	30.00	1.20	0.90	1.05		31.50	
	90.00	120.00	R/S	1.00	30.00	1.20	1.20	1.20		36.00	
	120.00	150.00	R/S	1.00	30.00	1.20	1.15	1.18		35.25	
	150.00	180.00	R/S	1.00	30.00	1.20	1.00	1.10		33.00	
	180.00	210.00	R/S	1.00	30.00	1.20	0.90	1.05		31.50	
	210.00	240.00	R/S	1.00	30.00	1.20	1.10	1.15		34.50	
	240.00	270.00	R/S	1.00	30.00	1.20	1.15	1.18		35.25	
	270.00	300.00	R/S	1.00	30.00	1.20	1.10	1.15		34.50	
	300.00	330.00	R/S	1.00	30.00	1.20	1.15	1.18		35.25	
	330.00	360.00	R/S	1.00	30.00	1.20	1.20	1.20		36.00	
	360.00	387.00	R/S	1.00	27.00	1.20	1.00	1.10		29.70	
	387.00	397.00	R/S	1.00	10.00	1.20	1.10	1.15		11.50	
	Main Road										
	0.00	30.00	L/S	1.00	30.00	1.20	1.00	1.10		33.00	
	30.00	60.00	L/S	1.00	30.00	1.00	0.90	0.95		28.50	
	60.00	90.00	L/S	1.00	30.00	0.90	1.10	1.00		30.00	
	90.00	120.00	L/S	1.00	30.00	1.10	1.15	1.13		33.75	
	120.00	150.00	L/S	1.00	30.00	1.15	1.10	1.13		33.75	
	150.00	180.00	L/S	1.00	30.00	1.10	1.15	1.13		33.75	
	180.00	210.00	L/S	1.00	30.00	1.15	1.20	1.18		35.25	
	210.00	240.00	L/S	1.00	30.00	1.20	1.00	1.10		33.00	
	240.00	270.00	L/S	1.00	30.00	1.00	1.10	1.05		31.50	
	270.00	300.00	L/S	1.00	30.00	1.10	1.15	1.13		33.75	
	300.00	330.00	L/S	1.00	30.00	1.15	1.20	1.18		35.25	
	330.00	360.00	L/S	1.00	30.00	1.20	1.00	1.10		33.00	
	360.00	387.00	L/S	1.00	27.00	1.00	1.20	1.10		29.70	
	387.00	397.00	L/S	1.00	10.00	1.20	1.20	1.20		12.00	

Consultant

Assistant Engineer 17/12/18

Assistant Executive Engineer 17/12/18

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : -Providing and Asphalting in Police Qutres main Road and Cross Road in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Dcp station back side gate road										
	0.00	30.00		1.00	30.00	4.20	4.30	4.25		127.50	
	30.00	60.00		1.00	30.00	4.30	4.80	4.55		136.50	
	60.00	78.60		1.00	18.60	4.80	4.30	4.55		84.63	
	UGD Cutting										
	Main Road										
	0.00	30.00		1.00	30.00	1.20	1.10	1.15		34.50	
	30.00	60.00		1.00	30.00	1.10	1.20	1.15		34.50	
	60.00	90.00		1.00	30.00	1.20	1.15	1.18		35.25	
	90.00	120.00		1.00	30.00	1.15	1.10	1.13		33.75	
	120.00	150.00		1.00	30.00	1.10	1.20	1.15		34.50	
	150.00	180.00		1.00	30.00	1.20	1.15	1.18		35.25	
	180.00	210.00		1.00	30.00	1.15	1.20	1.18		35.25	
	210.00	240.00		1.00	30.00	1.20	1.20	1.20		36.00	
	240.00	270.00		1.00	30.00	1.20	1.20	1.20		36.00	
	270.00	300.00		1.00	30.00	1.20	1.15	1.18		35.25	
	300.00	330.00		1.00	30.00	1.15	1.20	1.18		35.25	
	330.00	360.00		1.00	30.00	1.20	1.20	1.20		36.00	
	360.00	387.00		1.00	27.00	1.20	1.20	1.20		32.40	
	387.00	397.00		1.00	10.00	1.20	1.20	1.20		12.00	
								TOTAL		**2288.68**	**Sqm**

TEXUS CONSULTANTS Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

18/12/18

Assistant Engineer

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ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

18/12/18

Assistant Executive Engineer

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು

ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : -Providing and Asphalting in Police Qutres main Road and Cross Road in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
30	KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Spec, Chapter 5 (P.No.161, I.No.21.2 of PW,P&IWTD SR 2016-17)										
	Main Road										
	0.00	30.00		1.00	30.00	7.00	8.00	7.50		225.00	
	30.00	60.00		1.00	30.00	8.00	6.80	7.40		222.00	
	60.00	90.00		1.00	30.00	6.80	6.85	6.83		204.75	
	90.00	120.00		1.00	30.00	6.85	6.90	6.88		206.25	
	120.00	150.00		1.00	30.00	6.90	7.00	6.95		208.50	
	150.00	180.00		1.00	30.00	7.00	6.90	6.95		208.50	
	180.00	210.00		1.00	30.00	6.90	6.80	6.85		205.50	
	210.00	240.00		1.00	30.00	6.80	6.80	6.80		204.00	
	240.00	270.00		1.00	30.00	6.80	6.75	6.78		203.25	
	270.00	300.00		1.00	30.00	6.75	6.70	6.73		201.75	
	300.00	330.00		1.00	30.00	6.70	6.75	6.73		201.75	
	330.00	360.00		1.00	30.00	6.75	6.80	6.78		203.25	
	360.00	387.00		1.00	27.00	6.80	6.60	6.70		180.90	
	387.00	397.00		1.00	10.00	4.70	6.20	5.45		54.50	
	Dcp station back side gate road										
	60.00	78.60		1.00	18.60	4.80	4.30	4.55		84.63	
	78.60	99.00		1.00	20.40	6.00	6.60	6.30		128.52	
	99.00	110.00		1.00	11.00	6.60	7.30	6.95		76.45	
	110.00	117.00		1.00	7.00	7.30	8.25	7.78		54.43	
				Deduct prime Coat						-1702.18	
								TOTAL		1371.75	Sqm

NEXUS CONSULTANTS Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Engineer 17/12/18

Assistant Executive Engineer 17/12/18

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : -Providing and Asphalting in Police Qutres main Road and Cross Road in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
31	KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5 (P.No.161 I.No.21.7 of PW,P&IWTD SR of 2016-17)										
	2nd Cross										
	0.00	30.00		1.00	30.00	5.80	5.20	5.50		165.00	
	30.00	60.00		1.00	30.00	5.20	4.85	5.03		150.75	
	60.00	90.00		1.00	30.00	4.85	6.00	5.43		162.75	
	90.00	108.00		1.00	18.00	6.00	6.00	6.00		108.00	
	Main Road										
	0.00	30.00		1.00	30.00	7.00	8.00	7.50		225.00	
	30.00	60.00		1.00	30.00	8.00	6.80	7.40		222.00	
	60.00	90.00		1.00	30.00	6.80	6.85	6.83		204.75	
	90.00	120.00		1.00	30.00	6.85	6.90	6.88		206.25	
	120.00	150.00		1.00	30.00	6.90	7.00	6.95		208.50	
	150.00	180.00		1.00	30.00	7.00	6.90	6.95		208.50	
	180.00	210.00		1.00	30.00	6.90	6.80	6.85		205.50	
	210.00	240.00		1.00	30.00	6.80	6.80	6.80		204.00	
	240.00	270.00		1.00	30.00	6.80	6.75	6.78		203.25	
	270.00	300.00		1.00	30.00	6.75	6.70	6.73		201.75	
	300.00	330.00		1.00	30.00	6.70	6.75	6.73		201.75	
	330.00	360.00		1.00	30.00	6.75	6.80	6.78		203.25	
	360.00	387.00		1.00	27.00	6.80	6.60	6.70		180.90	
	387.00	397.00		1.00	10.00	4.70	6.20	5.45		54.50	
	Dcp station back side gate road										
	0.00	30.00		1.00	30.00	4.20	4.30	4.25		127.50	
	30.00	60.00		1.00	30.00	4.30	4.80	4.55		136.50	
	60.00	78.60		1.00	18.60	4.80	4.30	4.55		84.63	
	78.60	99.00		1.00	20.40	6.00	6.60	6.30		128.52	
	99.00	110.00		1.00	11.00	6.60	7.30	6.95		76.45	
	110.00	117.00		1.00	7.00	7.30	8.25	7.78		54.43	
								TOTAL		**3924.43**	**Sqm**

NEJUS CONSULTANTS PVT. LTD. Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

19/12/18

Assistant Engineer

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19/12/18

Assistant Executive Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

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Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : -Providing and Asphalting in Police Qutres main Road and Cross Road in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
32	KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 (P.No.165 of I.No.21.22.6 in PW,P&IWTD S.R 2016-17)										
	2nd Cross										
	0.00	30.00		1.00	30.00	5.80	5.20	5.50	0.04	6.60	
	30.00	60.00		1.00	30.00	5.20	4.85	5.03	0.04	6.03	
	60.00	90.00		1.00	30.00	4.85	6.00	5.43	0.04	6.51	
	90.00	108.00		1.00	18.00	6.00	6.00	6.00	0.04	4.32	
	Main Road										
	0.00	30.00		1.00	30.00	7.00	8.00	7.50	0.04	9.00	
	30.00	60.00		1.00	30.00	8.00	6.80	7.40	0.04	8.88	
	60.00	90.00		1.00	30.00	6.80	6.85	6.83	0.04	8.19	
	90.00	120.00		1.00	30.00	6.85	6.90	6.88	0.04	8.25	
	120.00	150.00		1.00	30.00	6.90	7.00	6.95	0.04	8.34	
	150.00	180.00		1.00	30.00	7.00	6.90	6.95	0.04	8.34	
	180.00	210.00		1.00	30.00	6.90	6.80	6.85	0.04	8.22	
	210.00	240.00		1.00	30.00	6.80	6.80	6.80	0.04	8.16	
	240.00	270.00		1.00	30.00	6.80	6.75	6.78	0.04	8.13	
	270.00	300.00		1.00	30.00	6.75	6.70	6.73	0.04	8.07	
	300.00	330.00		1.00	30.00	6.70	6.75	6.73	0.04	8.07	
	330.00	360.00		1.00	30.00	6.75	6.80	6.78	0.04	8.13	
	360.00	387.00		1.00	27.00	6.80	6.60	6.70	0.04	7.24	
	387.00	397.00		1.00	10.00	4.70	6.20	5.45	0.04	2.18	
	Dcp station back side gate road										
	0.00	30.00		1.00	30.00	4.20	4.30	4.25	0.04	5.10	
	30.00	60.00		1.00	30.00	4.30	4.80	4.55	0.04	5.46	
	60.00	78.60		1.00	18.60	4.80	4.30	4.55	0.04	3.39	
	78.60	99.00		1.00	20.40	6.00	6.60	6.30	0.04	5.14	
	99.00	110.00		1.00	11.00	6.60	7.30	6.95	0.04	3.06	
	110.00	117.00		1.00	7.00	7.30	8.25	7.78	0.04	2.18	
								TOTAL		**156.98**	**Cum**

TEJUS CONSULTANTS Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

19/12/18

Assistant Engineer

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19/12/18

Assistant Executive Engineer

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು

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ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26

BRUHATH BANGALORE MAHANAGARA PALIKE
BYATARAYANAPURA DIVISION

Name of the work: Providing Cement Concrete Road and RCC Drains at Byaraveshwara Layout (near Pruthvi Theator) in Ward No.06(Thanisandra), Byatarayanapura Sub Division.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : -Providing Cement Concrete Road and RCC Drains at Byaraveshwara Layout (near Pruthvi Theator) in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
3	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.142, I.No.19.1 of PW, P&IWTD SR 2016-17)										
	Byraveshwara layout										
	2nd Cross Road										
	LHS										
	0.00	30.00	L/S	1.00	30.00			0.50	0.40	6.00	
	30.00	60.00	L/S	1.00	30.00			0.50	0.40	6.00	
	60.00	70.00	L/S	1.00	10.00			0.50	0.40	2.00	
	70.00	80.00	L/S	1.00	10.00			0.50	0.40	2.00	
	RHS										
	0.00	30.00	R/S	1.00	30.00			0.50	0.40	6.00	
	30.00	60.00	R/S	1.00	30.00			0.50	0.40	6.00	
	60.00	70.00	R/S	1.00	10.00			0.50	0.40	2.00	
	70.00	80.00	R/S	1.00	10.00			0.50	0.40	2.00	
	2nd main										
	LHS										
	0.00	30.00	L/S	1.00	30.00			0.50	0.40	6.00	
	30.00	60.00	L/S	1.00	30.00			0.50	0.40	6.00	
	60.00	77.50	L/S	1.00	17.50			0.50	0.40	3.50	
	77.50	79.60	L/S	1.00	2.10			0.50	0.40	0.42	
	RHS										
	0.00	30.00	R/S	1.00	30.00			0.50	0.40	6.00	
	30.00	60.00	R/S	1.00	30.00			0.50	0.40	6.00	
	60.00	77.50	R/S	1.00	17.50			0.50	0.40	3.50	
	77.50	79.60	R/S	1.00	2.10			0.50	0.40	0.42	
	5th Cross										
	LHS										
	0.00	15.00	L/S	1.00	15.00			0.50	0.40	3.00	
	15.00	30.00	L/S	1.00	15.00			0.50	0.40	3.00	
	4th Cross										
	LHS										
	0.00	20.00	L/S	1.00	20.00			0.50	0.40	4.00	
	20.00	43.00	L/S	1.00	23.00			0.50	0.40	4.60	
	3rd Cross										
	LHS										
	0.00	4.00	L/S	1.00	4.00			0.50	0.40	0.80	
	4.00	15.00	L/S	1.00	11.00			0.50	0.40	2.20	
	15.00	26.50	L/S	1.00	11.50			0.50	0.40	2.30	
	26.50	30.00	L/S	1.00	3.50			0.50	0.40	0.70	
	30.00	35.50	L/S	1.00	5.50			0.50	0.40	1.10	
	35.50	60.00	L/S	1.00	24.50			0.50	0.40	4.90	
	60.00	88.00	L/S	1.00	28.00			0.50	0.40	5.60	
	RHS										
	0.00	4.00	R/S	1.00	4.00			0.50	0.40	0.80	
	4.00	15.00	R/S	1.00	11.00			0.50	0.40	2.20	

Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

6/4/18

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : -Providing Cement Concrete Road and RCC Drains at Byaraveshwara Layout (near Pruthvi Theator) in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	15.00	26.50	R/S	1.00	11.50			0.50	0.40	2.30	
	26.50	30.00	R/S	1.00	3.50			0.50	0.40	0.70	
	30.00	35.50	R/S	1.00	5.50			0.50	0.40	1.10	
	35.50	60.00	R/S	1.00	24.50			0.50	0.40	4.90	
	60.00	88.00	R/S	1.00	28.00			0.50	0.40	5.60	
	1st Main										
	LHS										
	0.00	30.00	L/S	1.00	30.00			0.50	0.40	6.00	
	30.00	52.00	L/S	1.00	22.00			0.50	0.40	4.40	
	RHS										
	0.00	30.00	R/S	1.00	30.00			0.50	0.40	6.00	
	30.00	52.00	R/S	1.00	22.00			0.50	0.40	4.40	
	1st Cross										
	LHS										
	0.00	35.00	L/S	1.00	35.00			0.50	0.40	7.00	
	35.00	60.00	L/S	1.00	25.00			0.50	0.40	5.00	
	60.00	77.00	L/S	1.00	17.00			0.50	0.40	3.40	
	RHS										
	0.00	35.00	R/S	1.00	35.00			0.50	0.40	7.00	
	35.00	60.00	R/S	1.00	25.00			0.50	0.40	5.00	
	60.00	77.00	R/S	1.00	17.00			0.50	0.40	3.40	
	MS Ramaiah Road										
	4th Cross Road (Right)										
	0.00	30.00	R/S	1.00	30.00			0.50	0.45	6.75	
	30.00	60.00	R/S	1.00	30.00			0.50	0.45	6.75	
	60.00	90.00	R/S	1.00	30.00			0.50	0.45	6.75	
	90.00	120.00	R/S	1.00	30.00			0.50	0.45	6.75	
	120.00	150.00	R/S	1.00	30.00			0.50	0.45	6.75	
	150.00	180.00	R/S	1.00	30.00			0.50	0.45	6.75	
	180.00	190.60	R/S	1.00	10.60			0.50	0.45	2.39	
	4th Cross Road (Right Continous)										
	0.00	15.00	R/S	1.00	15.00			0.55	0.45	3.71	
	15.00	37.80	R/S	1.00	22.80			0.50	0.45	5.13	
	4th Cross Road										
	0.00	30.00	L/S	1.00	30.00			0.50	0.45	6.75	
	30.00	60.00	L/S	1.00	30.00			0.50	0.45	6.75	
	60.00	90.00	L/S	1.00	30.00			0.50	0.45	6.75	
	90.00	120.00	L/S	1.00	30.00			0.50	0.45	6.75	
	120.00	150.00	L/S	1.00	30.00			0.50	0.45	6.75	
	150.00	180.00	L/S	1.00	30.00			0.50	0.45	6.75	
	180.00	190.60	L/S	1.00	10.60			0.50	0.45	2.39	
	4th Cross Road (Right Continous)										
	0.00	15.00	L/S	1.00	15.00			0.55	0.45	3.71	
	15.00	37.80	L/S	1.00	22.80			0.55	0.45	5.64	
	3rd Cross Road (right)										
	0.00	30.00	R/S	1.00	30.00			0.55	0.45	7.43	
	30.00	60.00	R/S	1.00	30.00			0.55	0.45	7.43	
	60.00	90.00	R/S	1.00	30.00			0.55	0.45	7.43	

EJUS CONSULTANTS Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

6/4/18

Assistant Engineer

ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer 6/4/18

ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : -Providing Cement Concrete Road and RCC Drains at Byaraveshwara Layout (near Pruthvi Theator) in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
	15.00	26.50	R/S	1.00	11.50			0.50	0.40	2.30	
	26.50	30.00	R/S	1.00	3.50			0.50	0.40	0.70	
	30.00	35.50	R/S	1.00	5.50			0.50	0.40	1.10	
	35.50	60.00	R/S	1.00	24.50			0.50	0.40	4.90	
	60.00	88.00	R/S	1.00	28.00			0.50	0.40	5.60	
	1st Main										
	LHS										
	0.00	30.00	L/S	1.00	30.00			0.50	0.40	6.00	
	30.00	52.00	L/S	1.00	22.00			0.50	0.40	4.40	
	RHS										
	0.00	30.00	R/S	1.00	30.00			0.50	0.40	6.00	
	30.00	52.00	R/S	1.00	22.00			0.50	0.40	4.40	
	1st Cross										
	LHS										
	0.00	35.00	L/S	1.00	35.00			0.50	0.40	7.00	
	35.00	60.00	L/S	1.00	25.00			0.50	0.40	5.00	
	60.00	77.00	L/S	1.00	17.00			0.50	0.40	3.40	
	RHS										
	0.00	35.00	R/S	1.00	35.00			0.50	0.40	7.00	
	35.00	60.00	R/S	1.00	25.00			0.50	0.40	5.00	
	60.00	77.00	R/S	1.00	17.00			0.50	0.40	3.40	
	MS Ramaiah Road										
	4th Cross Road (Right)										
	0.00	30.00	R/S	1.00	30.00			0.50	0.45	6.75	
	30.00	60.00	R/S	1.00	30.00			0.50	0.45	6.75	
	60.00	90.00	R/S	1.00	30.00			0.50	0.45	6.75	
	90.00	120.00	R/S	1.00	30.00			0.50	0.45	6.75	
	120.00	150.00	R/S	1.00	30.00			0.50	0.45	6.75	
	150.00	180.00	R/S	1.00	30.00			0.50	0.45	6.75	
	180.00	190.60	R/S	1.00	10.60			0.50	0.45	2.39	
	4th Cross Road (Right Continous)										
	0.00	15.00	R/S	1.00	15.00			0.55	0.45	3.71	
	15.00	37.80	R/S	1.00	22.80			0.50	0.45	5.13	
	4th Cross Road										
	0.00	30.00	L/S	1.00	30.00			0.50	0.45	6.75	
	30.00	60.00	L/S	1.00	30.00			0.50	0.45	6.75	
	60.00	90.00	L/S	1.00	30.00			0.50	0.45	6.75	
	90.00	120.00	L/S	1.00	30.00			0.50	0.45	6.75	
	120.00	150.00	L/S	1.00	30.00			0.50	0.45	6.75	
	150.00	180.00	L/S	1.00	30.00			0.50	0.45	6.75	
	180.00	190.60	L/S	1.00	10.60			0.50	0.45	2.39	
	4th Cross Road (Right Continous)										
	0.00	15.00	L/S	1.00	15.00			0.55	0.45	3.71	
	15.00	37.80	L/S	1.00	22.80			0.55	0.45	5.64	
	3rd Cross Road (right)										
	0.00	30.00	R/S	1.00	30.00			0.55	0.45	7.43	
	30.00	60.00	R/S	1.00	30.00			0.55	0.45	7.43	
	60.00	90.00	R/S	1.00	30.00			0.55	0.45	7.43	

Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

6/4/18

Assistant Engineer

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ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer 6/4/18

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು

ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

Bruhat Bengaluru Mahanagara Palike											
Bytarayanapura Division											
Job Code :- 006-18-000097.											
Name of Agency :- Benaka Developers & Project Pvt.Ltd.											
Bill No :-1st & Part Bill											
Name Of work : -Providing Cement Concrete Road and RCC Drains at Byaraveshwara Layout (near Pruthvi Theator) in Ward No.06(Thanisandra), Byatarayanapura Sub Division											
BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	90.00	120.00	R/S	1.00	30.00			0.55	0.45	7.43	
	120.00	150.00	R/S	1.00	30.00			0.55	0.45	7.43	
	150.00	180.00	R/S	1.00	30.00			0.55	0.45	7.43	
	180.00	193.80	R/S	1.00	13.80			0.55	0.45	3.42	
	3rd Cross Road (right)										
	0.00	30.00	L/S	1.00	30.00			0.55	0.45	7.43	
	30.00	60.00	L/S	1.00	30.00			0.55	0.45	7.43	
	60.00	90.00	L/S	1.00	30.00			0.55	0.45	7.43	
	90.00	120.00	L/S	1.00	30.00			0.55	0.45	7.43	
	120.00	150.00	L/S	1.00	30.00			0.55	0.45	7.43	
	150.00	180.00	L/S	1.00	30.00			0.55	0.45	7.43	
	180.00	193.80	L/S	1.00	13.80			0.55	0.45	3.42	
	Culvert										
				1.00	6.00			1.70	1.40	14.28	
				1.00	5.85			1.70	1.40	13.92	
								Total		393.34	Cum

TEJUS CONSULTANTS
Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

6/4/18
Assistant Engineer
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

06/04/18
Assistant Executive Engineer
ಸಹಾಯಕ ಕಾರ್ಯ ನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : -Providing Cement Concrete Road and RCC Drains at Byaraveshwara Layout (near Pruthvi Theator) in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
10	Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No.25, I.No.5.33 of PW, P&IWTD SR 2016-17)										
	3rd Cross										
	0.00	4.00	L/S	1.00	2.00			1.35		2.70	
	4.00	15.00	L/S	1.00	8.00			1.35		10.80	
	15.00	26.50	L/S	1.00	7.50			1.35		10.13	
	26.50	30.00	L/S	1.00	1.50			1.35		2.03	
	30.00	35.50	L/S	1.00	4.50			1.35		6.08	
	35.50	60.00	L/S	1.00	18.50			1.35		24.98	
	60.00	88.00	L/S	1.00	20.00			1.35		27.00	
	Drain Cover										
	MS Ramaiah Road										
	3rd Cross Road (right)										
	0.00	30.00	R/S	1.00	21.00			1.20		25.20	
	120.00	150.00	R/S	1.00	22.00			1.20		26.40	
	150.00	180.00	R/S	1.00	25.00			1.20		30.00	
	180.00	193.80	R/S	1.00	7.80			1.20		9.36	
	3rd Cross Road (right)										
	0.00	30.00	L/S	1.00	21.00			1.20		25.20	
	30.00	60.00	L/S	1.00	22.00			1.20		26.40	
	90.00	120.00	L/S	1.00	23.00			1.20		27.60	
	120.00	150.00	L/S	1.00	22.00			1.20		26.40	
	150.00	180.00	L/S	1.00	20.00			1.20		24.00	
	180.00	193.80	L/S	1.00	7.80			1.20		9.36	
								Total		313.62	Sqm

VEJUS CONSULTANTS Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Engineer 31/3/18

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer 31/03/18

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24

Bruhat Bengaluru Mahanagara Palike											
Bytarayanapura Division											
Job Code :- 006-18-000097.											
Name of Agency :- Benaka Developers & Project Pvt.Ltd.											
Bill No :-1st & Part Bill											
Name Of work : -Providing Cement Concrete Road and RCC Drains at Byaraveshwara Layout (near Pruthvi Theator) in Ward No.06(Thanisandra), Byatarayanapura Sub Division											
BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
11	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick (P.No.25, I.No.5.31.1 of PW, P&IWTD SR 2016-17)										
	3rd Cross										
	0.00	4.00	L/S	1.00	2.00			1.35		2.70	
	4.00	15.00	L/S	1.00	3.00			1.35		4.05	
	15.00	26.50	L/S	1.00	4.00			1.35		5.40	
	26.50	30.00	L/S	1.00	2.00			1.35		2.70	
	30.00	35.50	L/S	1.00	1.00			1.35		1.35	
	35.50	60.00	L/S	1.00	6.00			1.35		8.10	
	60.00	88.00	L/S	1.00	8.00			1.35		10.80	
								Total		35.10	Sqm

Consultant

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike										
Bytarayanapura Division										
Job Code :- 006-18-000097.										
Name of Agency :- Benaka Developers & Project Pvt.Ltd.										
Bill No :-1st & Part Bill										
Name Of work : -Providing Cement Concrete Road and RCC Drains at Byaraveshwara Layout (near Pruthvi Theator) in Ward No.06(Thanisandra), Byatarayanapura Sub Division										
BOQ Item No	**Description** Chainage		**Side**	**Nos**	**L**	**B1**	**B2**	**Avg width**	**Depth**	**Quantity**	**Remarks**
12	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 10cms thick (P.No.25, I.No.5.31.2 of PW, P&IWTD SR 2016-17)										
	Drain Cover										
	MS Ramaiah Road										
	3rd Cross Road (right)										
	0.00	30.00	R/S	1.00	9.00			1.20		10.80	
	120.00	150.00	R/S	1.00	8.00			1.20		9.60	
	150.00	180.00	R/S	1.00	5.00			1.20		6.00	
	180.00	193.80	R/S	1.00	6.00			1.20		7.20	
	3rd Cross Road (right)										
	0.00	30.00	L/S	1.00	9.00			1.20		10.80	
	30.00	60.00	L/S	1.00	8.00			1.20		9.60	
	90.00	120.00	L/S	1.00	7.00			1.20		8.40	
	120.00	150.00	L/S	1.00	8.00			1.20		9.60	
	150.00	180.00	L/S	1.00	10.00			1.20		12.00	
	180.00	193.80	L/S	1.00	6.00			1.20		7.20	
								Total		**91.20**	**Sqm**

Consultant

Assistant Engineer

13/4/18

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer

13/04/18

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

Bruhat Bengaluru Mahanagara Palike										
Bytarayanapura Division										
Job Code :- 006-18-000097.										
Name of Agency :- Benaka Developers & Project Pvt.Ltd.										
Bill No :-1st & Part Bill										
Name Of work : -Providing Cement Concrete Road and RCC Drains at Byaraveshwara Layout (near Pruthvi Theator) in Ward No.06(Thanisandra), Byatarayanapura Sub Division										
BOQ Item No	**Description** / **Chainage**		**Side**	**Nos**	**L**	**B1**	**B2**	**Avg width**	**Depth**	**Quantity**	**Remarks**
13	KSRB 5.2-3: Providing and constructing granite size stone masonry in foundation cement mortor 1:6. stone hammered dressed in courses not less than 20cms high, bond stones at 2m. apart in each course including cost of materaials, labour, curing complete as per specifications. Specifcation No. KBS 5.1.13.(using available stones) (P.No.23, I.No.5.6 of PW, P&IWTD S.R 2016-17)										
	Byraveshwara layout										
	2nd Cross Road										
	LHS										
	0.00	30.00	L/S	2.00	30.00			0.45	0.45	12.15	
	60.00	70.00	L/S	2.00	10.00			0.45	0.45	4.05	
	RHS										
	0.00	30.00	R/S	2.00	30.00			0.45	0.45	12.15	
	70.00	80.00	R/S	2.00	10.00			0.45	0.45	4.05	
	2nd main										
	LHS										
	60.00	77.50	L/S	2.00	17.50			0.45	0.45	7.09	
	RHS										
	30.00	60.00	R/S	2.00	30.00			0.45	0.45	12.15	
	60.00	77.50	R/S	2.00	17.50			0.45	0.45	7.09	
	5th Cross										
	LHS										
	0.00	15.00	L/S	2.00	15.00			0.45	0.45	6.08	
	15.00	30.00	L/S	2.00	15.00			0.45	0.45	6.08	
	4th Cross										
	LHS										
	0.00	20.00	L/S	2.00	20.00			0.45	0.45	8.10	
	20.00	43.00	L/S	2.00	23.00			0.45	0.45	9.32	
								Total		**88.29**	**Cum**

TEJUS CONSULTANTS
Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

5/4/18
Assistant Engineer
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

5/04/18
Assistant Executive Engineer
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : -Providing Cement Concrete Road and RCC Drains at Byaraveshwara Layout (near Pruthvi Theator) in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
14	KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.No.113, I.No.15.1 of PW, P&IWTD S.R 2016-17)										
	Byraveshwara layout										
	2nd Cross Road										
	LHS										
	0.00	30.00	L/S	2.00	30.00				0.45	27.00	
	60.00	70.00	L/S	2.00	10.00				0.45	9.00	
	RHS										
	0.00	30.00	R/S	2.00	30.00				0.45	27.00	
	70.00	80.00	R/S	2.00	10.00				0.45	9.00	
	2nd main										
	LHS										
	60.00	77.50	L/S	2.00	17.50				0.45	15.75	
	RHS										
	30.00	60.00	R/S	2.00	30.00				0.45	27.00	
	60.00	77.50	R/S	2.00	17.50				0.45	15.75	
	5th Cross										
	LHS										
	0.00	15.00	L/S	2.00	15.00				0.45	13.50	
	15.00	30.00	L/S	2.00	15.00				0.45	13.50	
	4th Cross										
	LHS										
	0.00	20.00	L/S	2.00	20.00				0.45	18.00	
	20.00	43.00	L/S	2.00	23.00				0.45	20.70	
								Total		**196.20**	**Sqm**

EJUS CONSULTANTS
Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. * BANGALORE *

18/4/18
Assistant Engineer
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

18/04/18
Assistant Executive Engineer
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

Bruhat Bengaluru Mahanagara Palike										
Bytarayanapura Division										
Job Code :- 006-18-000097.										
Name of Agency :- Benaka Developers & Project Pvt.Ltd.										
Bill No :-1st & Part Bill										
Name Of work : -Providing Cement Concrete Road and RCC Drains at Byaraveshwara Layout (near Pruthvi Theator) in Ward No.06(Thanisandra), Byatarayanapura Sub Division										
BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
15	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.6 of PW,P&IWTD S.R 2016-17)										
	Byraveshwara layout										
	2nd Cross Road										
	LHS										
	0.00	30.00	L/S	2.00	30.00			0.45	0.075	2.03	
	60.00	70.00	L/S	2.00	10.00			0.45	0.075	0.68	
	RHS										
	0.00	30.00	R/S	2.00	30.00			0.45	0.075	2.03	
	70.00	80.00	R/S	2.00	10.00			0.45	0.075	0.68	
	2nd main										
	LHS										
	60.00	77.50	L/S	2.00	17.50			0.45	0.075	1.18	
	RHS										
	30.00	60.00	R/S	2.00	30.00			0.45	0.075	2.03	
	60.00	77.50	R/S	2.00	17.50			0.45	0.075	1.18	
	5th Cross										
	LHS										
	0.00	15.00	L/S	2.00	15.00			0.45	0.075	1.01	
	15.00	30.00	L/S	2.00	15.00			0.45	0.075	1.01	
	4th Cross										
	LHS										
	0.00	20.00	L/S	2.00	20.00			0.45	0.075	1.35	
	20.00	43.00	L/S	2.00	23.00			0.45	0.075	1.55	
								Total		14.72	Cum

TEJUS CONSULTANTS Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE Benaka

Assistant Engineer

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

20/4/18

Assistant Executive Engineer

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26

20/04/18

Bruhat Bengaluru Mahanagara Palike										
Bytarayanapura Division										
Job Code :- 006-18-000097.										
Name of Agency :- Benaka Developers & Project Pvt.Ltd.										
Bill No :-1st & Part Bill										
Name Of work : -Providing Cement Concrete Road and RCC Drains at Byaraveshwara Layout (near Pruthvi Theator) in Ward No.06(Thanisandra), Byatarayanapura Sub Division										
BOQ Item No	**Description** / **Chainage**		**Side**	**Nos**	**L**	**B1**	**B2**	**Avg width**	**Depth**	**Quantity**	**Remarks**
16	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.2 of PW,P&IWTD S.R 2016-17)									
	Culvert										
				1.00	6.10			1.70	0.15	1.56	
				1.00	5.85			1.70	0.15	1.49	
	Bad Reaches for CC Road										
				1.00	2.55			2.65	0.15	1.01	
				1.00	2.50			2.50	0.15	0.94	
				1.00	2.30			2.20	0.15	0.76	
				1.00	2.00			2.80	0.15	0.84	
								Total		**6.60**	**Cum**

TEJUS CONSULTANTS Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Engineer 13/4/18

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer 13/04/18

ಸಹಾಯಕ ಕಾರ್ಯ ನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-74

Bruhat Bengaluru Mahanagara Palike										
Bytarayanapura Division										
Job Code :- 006-18-000097.										
Name of Agency :- Benaka Developers & Project Pvt.Ltd.										
Bill No :-1st & Part Bill										
Name Of work : Providing Cement Concrete Road and RCC Drains at Byaraveshwara Layout (near Pruthvi Theator) in Ward No.06(Thanisandra), Byatarayanapura Sub Division										
BOQ Item No	**Description** / **Chainage**		**Side**	**Nos**	**L**	**B1**	**B2**	**Avg width**	**Depth**	**Quantity**	**Remarks**
18	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specifcation No. KBS 4.6.2 (P.No.15, I.No.4.28 of PW, P&IWTD SR 2016-17)										
	Culvert										
				2.00	6.10				0.25	3.05	
				2.00	5.85				0.25	2.93	
						Total				**5.98**	**Sqm**

Consultant

Assistant Engineer

Assistant Executive Engineer

Bruhat B[illegible] a Palike										
B[illegible] n										
Job Code :- 006-18-000097.										
Name of Agency :- Benaka Developers & Project Pvt.Ltd.										
Bill No :-1st & Part Bill										
Name Of work : -Providing Cement Concrete Road and RC[illegible] wara Layout (near Pruthvi Theator) in Ward No.06(Thanisandra), Byatarayanapura Sub Division										
BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
32	KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 (P.No.165 of I.No.21.22.6 in PW,P&IWTD S.R 2016-17)									
	MS Ramaiah Road										
	4th Cross Road (Right)										
	0.00	30.00		1.00	30.00	5.15	4.90	5.03	0.04	6.03	
	30.00	60.00		1.00	30.00	4.90	4.90	4.90	0.04	5.88	
	60.00	90.00		1.00	30.00	4.90	5.00	4.95	0.04	5.94	
	90.00	120.00		1.00	30.00	5.00	5.40	5.20	0.04	6.24	
	120.00	150.00		1.00	30.00	5.40	5.50	5.45	0.04	6.54	
	150.00	180.00		1.00	30.00	5.50	4.50	5.00	0.04	6.00	
	180.00	190.60		1.00	10.60	4.50	5.60	5.05	0.04	2.14	
	4th Cross Road (Right Continous)										
	0.00	15.00		1.00	15.00	4.80	4.80	4.80	0.04	2.88	
	15.00	37.80		1.00	22.80	4.80	5.60	5.20	0.04	4.74	
	3rd Cross Road (right)										
	0.00	30.00		1.00	30.00	7.30	5.00	6.15	0.04	7.38	
	30.00	60.00		1.00	30.00	5.00	5.55	5.28	0.04	6.33	
	60.00	90.00		1.00	30.00	5.55	4.95	5.25	0.04	6.30	
	90.00	120.00		1.00	30.00	4.95	4.80	4.88	0.04	5.85	
	120.00	150.00		1.00	30.00	4.80	4.85	4.83	0.04	5.79	
	150.00	180.00		1.00	30.00	4.85	4.75	4.80	0.04	5.76	
	180.00	193.80		1.00	13.80	4.75	5.35	5.05	0.04	2.79	
	2ndCross Road (right)										
	0.00	15.00		1.00	15.00	5.40	4.60	5.00	0.04	3.00	
	15.00	27.00		1.00	12.00	4.60	4.30	4.45	0.04	2.14	
								Total		91.73	Cum

TEJUS CONSULTANTS Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24

Assistant Executive Engineer

BRUHATH BANGALORE MAHANAGARA PALIKE
BYATARAYANAPURA DIVISION

Name of the work: Improvement to Drains and Asphalting to Roads at Manjunatha Layout 1st , 2nd,3rd and 4th Cross in Ward No.06(Thanisandra), Byatarayanapura Sub Division.

Bruhat Bengaluru Mahanagara Palike
Bytarayanapura Division

Job Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Roads at Manjunatha Layout 1st , 2nd,3rd and 4th Cross in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
3	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work										
	DESILT										
	Manjunath layout										
	0.00	15.00		1.00	15.00			0.55	0.50	4.13	
	15.00	30.00		1.00	15.00			0.55	0.50	4.13	
	30.00	45.00		1.00	15.00			0.55	0.50	4.13	
	45.00	60.00		1.00	15.00			0.55	0.50	4.13	
	60.00	75.00		1.00	15.00			0.55	0.50	4.13	
	75.00	90.00		1.00	15.00			0.55	0.50	4.13	
	90.00	105.00		1.00	15.00			0.55	0.50	4.13	
	105.00	120.00		1.00	15.00			0.55	0.50	4.13	
	120.00	135.00		1.00	15.00			0.55	0.50	4.13	
	135.00	150.00		1.00	15.00			0.55	0.50	4.13	
	150.00	165.00		1.00	15.00			0.55	0.50	4.13	
	165.00	180.00		1.00	15.00			0.55	0.50	4.13	
	180.00	195.00		1.00	15.00			0.55	0.50	4.13	
	195.00	200.00		1.00	5.00			0.55	0.50	1.38	
	200.00	215.00		1.00	15.00			0.55	0.50	4.13	
	215.00	230.00		1.00	15.00			0.55	0.50	4.13	
	230.00	245.00		1.00	15.00			0.55	0.50	4.13	
	245.00	260.00		1.00	15.00			0.55	0.50	4.13	
	260.00	275.00		1.00	15.00			0.55	0.50	4.13	
	Cross Road										
	0.00	10.00		1.00	10.00			0.55	0.55	3.03	
	10.00	20.00		1.00	10.00			0.55	0.55	3.03	
	20.00	28.00		1.00	8.00			0.55	0.55	2.42	
	5th Cross MSR Ramaiah North City										
	0.00	30.00	R/S	1.00	30.00			0.60	0.50	9.00	
	30.00	60.00	R/S	1.00	30.00			0.60	0.50	9.00	
	60.00	90.00	R/S	1.00	30.00			0.60	0.50	9.00	
	90.00	120.00	R/S	1.00	30.00			0.60	0.50	9.00	
	120.00	150.00	R/S	1.00	30.00			0.60	0.50	9.00	
	150.00	180.00	R/S	1.00	30.00			0.60	0.50	9.00	
	180.00	193.00	R/S	1.00	13.00			0.60	0.50	3.90	
	5th Cross MSR Ramaiah North City										
	0.00	30.00	L/S	1.00	30.00			0.60	0.50	9.00	

Consultant

Assistant Engineer 28/4/18
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer 28/4/18
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Roads at Manjunatha Layout 1st , 2nd,3rd and 4th Cross in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	30.00	60.00	L/S	1.00	30.00			0.60	0.50	9.00	
	60.00	90.00	L/S	1.00	30.00			0.60	0.50	9.00	
	90.00	120.00	L/S	1.00	30.00			0.60	0.50	9.00	
	120.00	150.00	L/S	1.00	30.00			0.60	0.50	9.00	
	150.00	180.00	L/S	1.00	30.00			0.60	0.50	9.00	
	180.00	193.00	L/S	1.00	13.00			0.60	0.50	3.90	
	Chalukya layout										
	1st cross										
	LHS										
	0.00	30.00	L/S	1.00	30.00			1.10	0.85	28.05	
	30.00	60.00	L/S	1.00	30.00			1.10	0.85	28.05	
	60.00	74.60	L/S	1.00	14.60			1.10	0.85	13.65	
	1st Main										
	LHS										
	0.00	30.00	L/S	1.00	30.00			1.10	0.85	28.05	
	30.00	60.00	L/S	1.00	30.00			1.10	0.85	28.05	
	60.00	100.00	L/S	1.00	40.00			1.10	0.85	37.40	
	New Culvert										
				1.00	10.00			1.70	1.10	18.70	
	Desilt For Culvert			1.00	10.00			0.60	0.50	3.00	
								Total		**384.85**	**Cum**

TERRUS CONSULTANTS PVT. LTD.

Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Engineer

28/4/18

Assistant Executive Engineer

28/04/18

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ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Roads at Manjunatha Layout 1st , 2nd,3rd and 4th Cross in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
9	Removing and resetting of footpath slab (P.No.265, I.No.37.56 of PW, P&IWTD SR 2016-17)										
	Manjunath layout										
	0.00	15.00		1.00	15.00			0.75		11.25	
	15.00	30.00		1.00	15.00			0.75		11.25	
	30.00	45.00		1.00	15.00			0.75		11.25	
	45.00	60.00		1.00	15.00			0.75		11.25	
	60.00	75.00		1.00	15.00			0.75		11.25	
	75.00	90.00		1.00	15.00			0.75		11.25	
	90.00	105.00		1.00	15.00			0.75		11.25	
	105.00	120.00		1.00	15.00			0.75		11.25	
	120.00	135.00		1.00	15.00			0.75		11.25	
	135.00	150.00		1.00	15.00			0.75		11.25	
	150.00	165.00		1.00	15.00			0.75		11.25	
	165.00	180.00		1.00	15.00			0.75		11.25	
	180.00	195.00		1.00	15.00			0.75		11.25	
	195.00	200.00		1.00	5.00			0.75		3.75	
	Cross Road										
	0.00	10.00		1.00	10.00			0.75		7.50	
	10.00	20.00		1.00	10.00			0.75		7.50	
	20.00	28.00		1.00	8.00			0.75		6.00	
	5th Cross MSR Ramaiah North City										
	0.00	30.00	R/S	1.00	30.00			1.20		36.00	
	30.00	60.00	R/S	1.00	30.00			1.20		36.00	
	60.00	90.00	R/S	1.00	30.00			1.20		36.00	
	90.00	120.00	R/S	1.00	30.00			1.20		36.00	
	120.00	150.00	R/S	1.00	30.00			1.20		36.00	
	150.00	180.00	R/S	1.00	30.00			1.20		36.00	
	180.00	193.00	R/S	1.00	13.00			1.20		15.60	
	5th Cross MSR Ramaiah North City										
	0.00	30.00	L/S	1.00	30.00			1.20		36.00	
	30.00	60.00	L/S	1.00	30.00			1.20		36.00	
	60.00	90.00	L/S	1.00	30.00			1.20		36.00	
	90.00	120.00	L/S	1.00	30.00			1.20		36.00	
	120.00	150.00	L/S	1.00	30.00			1.20		36.00	
	150.00	180.00	L/S	1.00	30.00			1.20		36.00	
	180.00	193.00	L/S	1.00	13.00			1.20		15.60	
								Total		**634.20**	**Sqm**

Consultant

Assistant Engineer

20/4/18

Assistant Executive Engineer

20/04/18

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Roads at Manjunatha Layout 1st , 2nd,3rd and 4th Cross in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
13	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13									
	Chalukya layout									
	New Culvert									
			2.00	10.00			0.45	0.90	8.10	
							Total		**8.10**	**Cum**

Consultant

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Roads at Manjunatha Layout 1st , 2nd,3rd and 4th Cross in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
14	KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.									
	Chalukya layout									
	New Culvert									
			2.00	10.00				0.90	18.00	
							Total		**18.00**	**Sqm**

Consultant

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Roads at Manjunatha Layout 1st , 2nd,3rd and 4th Cross in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
15	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.6 of PW,P&IWTD S.R 2016-17)									
	Chalukya layout									
	Coping Concrete		2.00	10.00			0.45	0.10	0.90	
			1.00	5.50			0.60	0.10	0.33	
			2.00	6.00			0.45	0.10	0.54	
							Total		**1.77**	Cum

Consultant

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Roads at Manjunatha Layout 1st , 2nd,3rd and 4th Cross in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
16	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.2 of PW,P&IWTD S.R 2016-17)										
	Chalukya layout										
	Rcc Drain										
	1st cross										
	LHS										
	0.00	30.00	L/S	1.00	30.00			0.90	0.15	4.05	
	30.00	60.00	L/S	1.00	30.00			0.90	0.15	4.05	
	60.00	74.60	L/S	1.00	14.60			0.90	0.15	1.97	
	1st Main										
	LHS										
	0.00	30.00	L/S	1.00	30.00			0.90	0.15	4.05	
	30.00	60.00	L/S	1.00	30.00			0.90	0.15	4.05	
	60.00	100.00	L/S	1.00	40.00			0.90	0.15	5.40	
	New Culvert										
				1.00	10.00			1.70	0.15	2.55	
	CC Road										
	Chalukya layout										
	1st cross										
	LHS										
	0.00	30.00	L/S	1.00	30.00	5.00	4.00	4.50	0.15	20.25	
	30.00	60.00	L/S	1.00	30.00	4.00	5.20	4.60	0.15	20.70	
	60.00	74.60	L/S	1.00	14.60	5.20	5.50	5.35	0.15	11.72	
	1st Main										
	LHS										
	0.00	30.00	L/S	1.00	30.00	6.80	5.50	6.15	0.15	27.68	
	30.00	60.00	L/S	1.00	30.00	5.50	4.20	4.85	0.15	21.83	
	60.00	100.00	L/S	1.00	40.00	4.20	6.00	5.10	0.15	30.60	
	Manjunath layout										
	0.00	15.00		1.00	15.00	4.00	4.50	4.25	0.15	9.56	
	15.00	30.00		1.00	15.00	4.50	4.50	4.50	0.15	10.13	
	30.00	45.00		1.00	15.00	4.50	5.40	4.95	0.15	11.14	
	45.00	60.00		1.00	15.00	5.40	4.85	5.13	0.15	11.53	
	60.00	75.00		1.00	15.00	4.85	4.80	4.83	0.15	10.86	
	75.00	90.00		1.00	15.00	4.80	4.00	4.40	0.15	9.90	
	90.00	105.00		1.00	15.00	4.00	3.30	3.65	0.15	8.21	
	105.00	120.00		1.00	15.00	3.30	4.00	3.65	0.15	8.21	
	120.00	135.00		1.00	15.00	4.00	4.00	4.00	0.15	9.00	

Consultant

Assistant Engineer 9/5/18

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Roads at Manjunatha Layout 1st , 2nd,3rd and 4th Cross in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	135.00	150.00		1.00	15.00	4.00	4.20	4.10	0.15	9.23	
	150.00	165.00		1.00	15.00	4.20	4.50	4.35	0.15	9.79	
	165.00	180.00		1.00	15.00	4.50	4.50	4.50	0.15	10.13	
	180.00	195.00		1.00	15.00	4.50	4.50	4.50	0.15	10.13	
	195.00	200.00		1.00	5.00	4.50	4.90	4.70	0.15	3.53	
	200.00	215.00		1.00	15.00	4.90	5.70	5.30	0.15	11.93	
	215.00	230.00		1.00	15.00	5.70	4.50	5.10	0.15	11.48	
	230.00	245.00		1.00	15.00	4.50	4.80	4.65	0.15	10.46	
	245.00	260.00		1.00	15.00	4.80	4.20	4.50	0.15	10.13	
	260.00	275.00		1.00	15.00	4.20	3.50	3.85	0.15	8.66	
	Cross Road										
	0.00	10.00		1.00	10.00	3.40	2.80	3.10	0.15	4.65	
	10.00	20.00		1.00	10.00	2.80	3.50	3.15	0.15	4.73	
	20.00	28.00		1.00	8.00	3.50	3.60	3.55	0.15	4.26	
	Chalukya layout										
	New Culvert										
	Vent Concrete			1.00	10.00			0.60	0.15	0.90	
								Total		**357.40**	**Cum**

Consultant

Assistant Engineer

15/6/18

Assistant Executive Engineer

15/6/18

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000097.

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

Name Of work : - Improvement to Drains and Asphalting to Roads at Manjunatha Layout 1st , 2nd,3rd and 4th Cross in Ward No.06(Thanisandra), Byatarayanapura Sub Division

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
17	Providing laying plain/ reinforced cement concrete M20 Grade for Box Drain walls of thickness 10cm to 20cm including centering shuttering for work etc. complete as per approved drawing and design MORTH specification No. 1500, 1700, 2200. (P.No.265, I.No.37.59.2 of PW, P&IWTD SR 2016-17)										
	Chalukya layout										
	Bottom Raft										
	1st Main										
	LHS										
	0.00	30.00	L/S	1.00	30.00			0.90	0.15	4.05	
	30.00	60.00	L/S	1.00	30.00			0.90	0.15	4.05	
	60.00	100.00	L/S	1.00	40.00			0.90	0.15	5.40	
	Walls										
	1st Main										
	LHS										
	0.00	30.00	L/S	2.00	30.00			0.15	0.60	5.40	
	30.00	60.00	L/S	2.00	30.00			0.15	0.60	5.40	
	60.00	100.00	L/S	2.00	40.00			0.15	0.60	7.20	
								Total		**31.50**	**Cum**

Consultant

Assistant Engineer

Assistant Executive Engineer